

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069042.D
 Acq On : 03 May 2021 14:39
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVV050321

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 5:35:23 PM

Quant Time: May 04 04:01:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	236547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	406180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	394247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	193962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154032	51.56	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.12%			
35) Dibromofluoromethane	7.914	113	138000	51.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.76%			
50) Toluene-d8	10.338	98	540374	54.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.64%			
62) 4-Bromofluorobenzene	12.626	95	177114	52.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	134843	47.73	ug/l	96
3) Chloromethane	2.209	50	172960	48.96	ug/l	93
4) Vinyl Chloride	2.344	62	221955	50.33	ug/l	97
5) Bromomethane	2.750	94	116749	47.05	ug/l	98
6) Chloroethane	2.909	64	113343	43.72	ug/l	97
7) Trichlorofluoromethane	3.262	101	241411	48.59	ug/l	99
8) Diethyl Ether	3.703	74	62437	50.49	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	130356	48.18	ug/l	95
10) Methyl Iodide	4.291	142	103007	40.96	ug/l	90
11) Tert butyl alcohol	5.226	59	42245	235.38	ug/l	98
12) 1,1-Dichloroethene	4.056	96	119124	48.16	ug/l	86
13) Acrolein	3.920	56	45314	228.29	ug/l	94
14) Allyl chloride	4.715	41	169625	51.63	ug/l	94
15) Acrylonitrile	5.420	53	135127	245.01	ug/l	94
16) Acetone	4.156	43	116435	245.97	ug/l	92
17) Carbon Disulfide	4.403	76	406334	49.35	ug/l	99
18) Methyl Acetate	4.720	43	59076	47.46	ug/l #	64
19) Methyl tert-butyl Ether	5.485	73	291672	50.75	ug/l	98
20) Methylene Chloride	4.956	84	146324	48.04	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	144500	49.31	ug/l	85
22) Diisopropyl ether	6.361	45	368426	50.51	ug/l	90
23) Vinyl Acetate	6.303	43	1129500	268.88	ug/l	94
24) 1,1-Dichloroethane	6.261	63	248147	49.38	ug/l	99
25) 2-Butanone	7.214	43	163469	245.12	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	227009	49.28	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	154919	49.20	ug/l	89
28) Bromochloromethane	7.544	49	103539	49.29	ug/l	86
29) Tetrahydrofuran	7.561	42	106581	251.08	ug/l	91
30) Chloroform	7.708	83	267538	48.66	ug/l	99
31) Cyclohexane	7.979	56	206927	47.07	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	243899	48.58	ug/l	99
36) 1,1-Dichloropropene	8.108	75	204568	50.64	ug/l	99
37) Ethyl Acetate	7.291	43	76224	48.54	ug/l	95
38) Carbon Tetrachloride	8.091	117	217661	50.20	ug/l	97
39) Methylcyclohexane	9.355	83	240354	52.28	ug/l	99
40) Benzene	8.350	78	572009	49.56	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069042.D
 Acq On : 03 May 2021 14:39
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050321

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 5:35:23 PM

Quant Time: May 04 04:01:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	44985m	49.78	ug/l	
42) 1,2-Dichloroethane	8.426	62	177825	48.67	ug/l	94
43) Isopropyl Acetate	8.455	43	155185	51.07	ug/l	92
44) Trichloroethene	9.108	130	150079	50.03	ug/l	95
45) 1,2-Dichloropropane	9.385	63	138496	48.77	ug/l	99
46) Dibromomethane	9.473	93	79889	48.31	ug/l	94
47) Bromodichloromethane	9.661	83	210714	48.10	ug/l	98
48) Methyl methacrylate	9.455	41	79276	52.45	ug/l	89
49) 1,4-Dioxane	9.455	88	19832	1013.73	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	402075	258.90	ug/l	89
52) Toluene	10.402	92	367762	50.28	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	194351	50.38	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	217592	49.12	ug/l #	88
55) 1,1,2-Trichloroethane	10.797	97	106280	48.61	ug/l	95
56) Ethyl methacrylate	10.661	69	129926	53.81	ug/l #	86
57) 1,3-Dichloropropane	10.944	76	185948	49.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	343737	265.23	ug/l	96
59) 2-Hexanone	10.985	43	278577	264.48	ug/l	90
60) Dibromochloromethane	11.138	129	140757	49.78	ug/l	98
61) 1,2-Dibromoethane	11.244	107	104571	49.59	ug/l	100
64) Tetrachloroethene	10.873	164	123147	50.74	ug/l	90
65) Chlorobenzene	11.667	112	385441	48.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	145718	48.17	ug/l	98
67) Ethyl Benzene	11.744	91	716929	50.41	ug/l	99
68) m/p-Xylenes	11.849	106	548125	102.89	ug/l	96
69) o-Xylene	12.179	106	246316	51.02	ug/l	95
70) Styrene	12.191	104	435572	51.23	ug/l	97
71) Bromoform	12.355	173	76185	49.52	ug/l #	99
73) Isopropylbenzene	12.473	105	682359	50.80	ug/l	99
74) N-amyl acetate	12.285	43	149192	50.93	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.726	83	126978	48.99	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	97865m	52.85	ug/l	
77) Bromobenzene	12.755	156	151188	49.20	ug/l	93
78) n-propylbenzene	12.814	91	846247	51.54	ug/l	97
79) 2-Chlorotoluene	12.902	91	458105	49.98	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	581449	51.01	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	36876	47.15	ug/l #	85
82) 4-Chlorotoluene	13.002	91	490109	49.54	ug/l	100
83) tert-Butylbenzene	13.220	119	485683	51.49	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	588851	50.89	ug/l	99
85) sec-Butylbenzene	13.396	105	699271	51.66	ug/l	100
86) p-Isopropyltoluene	13.508	119	639183	51.81	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	307640	49.27	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	301209	48.59	ug/l	99
89) n-Butylbenzene	13.838	91	622147	52.57	ug/l	99
90) Hexachloroethane	14.102	117	122748	48.99	ug/l	93
91) 1,2-Dichlorobenzene	13.885	146	263782	49.15	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	19918	45.41	ug/l	83
93) 1,2,4-Trichlorobenzene	15.155	180	165853	50.52	ug/l	99
94) Hexachlorobutadiene	15.261	225	93588	50.63	ug/l	99
95) Naphthalene	15.390	128	323484	52.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	145141	50.78	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
Data File : VD069042.D
Acq On : 03 May 2021 14:39
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050321

Manual Integrations
APPROVED

MMDadoda
5/4/2021 5:35:23 PM

Quant Time: May 04 04:01:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
Quant Title : SW846 8260
QLast Update : Tue May 04 03:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
Data File : VD069042.D
Acq On : 03 May 2021 14:39
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050321

Manual Integrations
APPROVED

MMDadoda
5/4/2021 5:35:23 PM

Quant Time: May 04 04:01:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
Quant Title : SW846 8260
QLast Update : Tue May 04 03:51:01 2021
Response via : Initial Calibration

