

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
 Data File : VD068625.D
 Acq On : 16 Mar 2021 12:10
 Operator : VA/SY
 Sample : VD0316SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 11:47:34 AM

Quant Time: Mar 17 01:04:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	253416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	432492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	403616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	223304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119158	47.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.12%		
35) Dibromofluoromethane	7.914	113	129959	49.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.76%		
50) Toluene-d8	10.343	98	487336	46.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.92%		
62) 4-Bromofluorobenzene	12.631	95	169886	50.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	47008	19.11	ug/l	92
3) Chloromethane	2.208	50	62519	20.12	ug/l	91
4) Vinyl Chloride	2.350	62	71295	19.32	ug/l	93
5) Bromomethane	2.761	94	54150	20.61	ug/l	93
6) Chloroethane	2.920	64	48733	20.42	ug/l	99
7) Trichlorofluoromethane	3.273	101	88620	21.05	ug/l	96
8) Diethyl Ether	3.714	74	25352	20.23	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.102	101	53717	20.94	ug/l	95
10) Methyl Iodide	4.302	142	51776	18.62	ug/l	91
11) Tert butyl alcohol	5.226	59	14735	109.00	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	52497	20.63	ug/l	97
13) Acrolein	3.932	56	15352	79.46	ug/l	94
14) Allyl chloride	4.720	41	67777	20.63	ug/l	98
15) Acrylonitrile	5.426	53	56556	106.91	ug/l	97
16) Acetone	4.167	43	43061	107.07	ug/l	97
17) Carbon Disulfide	4.414	76	168064	20.16	ug/l	100
18) Methyl Acetate	4.714	43	21246	20.50	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	118857	21.54	ug/l #	88
20) Methylene Chloride	4.961	84	77654	23.62	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	65882	21.68	ug/l	96
22) Diisopropyl ether	6.367	45	148326	20.50	ug/l	96
23) Vinyl Acetate	6.308	43	368539	98.16	ug/l	99
24) 1,1-Dichloroethane	6.267	63	102104	20.58	ug/l	97
25) 2-Butanone	7.208	43	60578	104.78	ug/l	99
26) 2,2-Dichloropropane	7.214	77	90609	21.93	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	71126	21.32	ug/l	99
28) Bromochloromethane	7.549	49	39553	20.43	ug/l	83
29) Tetrahydrofuran	7.561	42	36313	96.73	ug/l	99
30) Chloroform	7.708	83	112768	21.53	ug/l	94
31) Cyclohexane	7.990	56	91045	19.77	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	94488	21.13	ug/l	96
36) 1,1-Dichloropropene	8.114	75	84729	20.61	ug/l	98
37) Ethyl Acetate	7.296	43	26012	19.07	ug/l	96
38) Carbon Tetrachloride	8.102	117	81870	21.19	ug/l	96
39) Methylcyclohexane	9.355	83	99400	19.60	ug/l	98
40) Benzene	8.349	78	245574	20.82	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
 Data File : VD068625.D
 Acq On : 16 Mar 2021 12:10
 Operator : VA/SY
 Sample : VD0316SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 11:47:34 AM

Quant Time: Mar 17 01:04:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	14255	18.00	ug/l #	67
42) 1,2-Dichloroethane	8.426	62	64494	20.80	ug/l	100
43) Isopropyl Acetate	8.449	43	52414	20.91	ug/l	98
44) Trichloroethene	9.114	130	66438	20.52	ug/l	99
45) 1,2-Dichloropropane	9.390	63	59168	20.99	ug/l	96
46) Dibromomethane	9.479	93	32161	20.97	ug/l	95
47) Bromodichloromethane	9.667	83	84889	21.40	ug/l	96
48) Methyl methacrylate	9.455	41	24823	18.58	ug/l	88
49) 1,4-Dioxane	9.461	88	6296	359.97	ug/l #	85
51) 4-Methyl-2-Pentanone	10.226	43	132861	101.28	ug/l	100
52) Toluene	10.402	92	161449	21.44	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	78286	21.35	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	92148	20.60	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	46495	21.91	ug/l	99
56) Ethyl methacrylate	10.661	69	48539	19.90	ug/l	96
57) 1,3-Dichloropropane	10.943	76	78799	21.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	121590	99.35	ug/l	92
59) 2-Hexanone	10.984	43	89953	102.87	ug/l	100
60) Dibromochloromethane	11.143	129	54943	20.91	ug/l	97
61) 1,2-Dibromoethane	11.249	107	44109	21.24	ug/l	99
64) Tetrachloroethene	10.878	164	56093	21.28	ug/l	95
65) Chlorobenzene	11.673	112	171391	20.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	61769	21.62	ug/l	99
67) Ethyl Benzene	11.743	91	302273	20.60	ug/l	99
68) m/p-Xylenes	11.855	106	234191	42.03	ug/l	98
69) o-Xylene	12.178	106	108004	21.05	ug/l	92
70) Styrene	12.190	104	187275	21.34	ug/l	98
71) Bromoform	12.361	173	32936	22.69	ug/l #	99
73) Isopropylbenzene	12.478	105	296732	17.92	ug/l	100
74) N-amyl acetate	12.284	43	48736	17.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.731	83	51584	18.10	ug/l	99
76) 1,2,3-Trichloropropane	12.778	75	34989m	17.65	ug/l	
77) Bromobenzene	12.755	156	71621	18.95	ug/l	95
78) n-propylbenzene	12.820	91	377575	19.08	ug/l	97
79) 2-Chlorotoluene	12.908	91	211073	19.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	263628	19.42	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.525	75	15024	17.69	ug/l	97
82) 4-Chlorotoluene	13.002	91	226600	19.61	ug/l	98
83) tert-Butylbenzene	13.220	119	215993	18.69	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	264216	19.44	ug/l	97
85) sec-Butylbenzene	13.402	105	313780	19.22	ug/l	98
86) p-Isopropyltoluene	13.514	119	281668	19.01	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	142303	19.49	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	150835	20.86	ug/l	99
89) n-Butylbenzene	13.843	91	291828	20.41	ug/l	97
90) Hexachloroethane	14.114	117	56866	19.31	ug/l	93
91) 1,2-Dichlorobenzene	13.890	146	130799	20.89	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8781	17.48	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	84526	17.48	ug/l	99
94) Hexachlorobutadiene	15.261	225	51882	19.33	ug/l	97
95) Naphthalene	15.396	128	148004	16.90	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	76480	18.27	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
Data File : VD068625.D
Acq On : 16 Mar 2021 12:10
Operator : VA/SY
Sample : VD0316SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Manual Integrations
APPROVED

MMDadoda
3/17/2021 11:47:34 AM

Quant Time: Mar 17 01:04:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

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

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

