

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076459.D
 Acq On : 16 Jun 2023 17:04
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 19 04:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	164584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	150954	91.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.080%#			
35) Dibromofluoromethane	7.799	113	161873	95.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 191.800%#			
50) Toluene-d8	10.269	98	613318	95.809	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 191.620%#			
62) 4-Bromofluorobenzene	12.575	95	199072	95.821	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 191.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	125467	100.325	ug/l	97
3) Chloromethane	2.146	50	240773	92.571	ug/l	98
4) Vinyl Chloride	2.275	62	288835	99.550	ug/l	98
5) Bromomethane	2.675	94	178034	94.372	ug/l	99
6) Chloroethane	2.828	64	192408	96.756	ug/l	98
7) Trichlorofluoromethane	3.164	101	241281	101.051	ug/l	100
8) Diethyl Ether	3.593	74	82461	91.765	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.952	101	155477	101.108	ug/l	98
10) Methyl Iodide	4.158	142	192524	105.604	ug/l	94
11) Tert butyl alcohol	5.058	59	60746	426.665	ug/l	96
12) 1,1-Dichloroethene	3.928	96	153400	101.858	ug/l	87
13) Acrolein	3.787	56	61976	404.142	ug/l	94
14) Allyl chloride	4.552	41	266530	96.773	ug/l #	88
15) Acrylonitrile	5.246	53	221367	479.067	ug/l	99
16) Acetone	4.017	43	173127	441.204	ug/l #	85
17) Carbon Disulfide	4.264	76	414324	100.690	ug/l	99
18) Methyl Acetate	4.558	43	163449	90.385	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	391657	95.075	ug/l	100
20) Methylene Chloride	4.799	84	191296	93.775	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	172328	99.002	ug/l	88
22) Diisopropyl ether	6.216	45	569231	95.582	ug/l #	91
23) Vinyl Acetate	6.152	43	1468167	512.031	ug/l #	86
24) 1,1-Dichloroethane	6.105	63	324465	97.567	ug/l	96
25) 2-Butanone	7.081	43	286977	472.843	ug/l #	79
26) 2,2-Dichloropropane	7.069	77	272689	95.107	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	207513	98.505	ug/l	87
28) Bromochloromethane	7.422	49	87903	93.519	ug/l #	70
29) Tetrahydrofuran	7.440	42	183843	471.348	ug/l #	76
30) Chloroform	7.593	83	313680	95.260	ug/l	98
31) Cyclohexane	7.869	56	259730	103.185	ug/l	83
32) 1,1,1-Trichloroethane	7.793	97	264617	99.413	ug/l	98
36) 1,1-Dichloropropene	8.005	75	239961	101.517	ug/l	96
37) Ethyl Acetate	7.163	43	124868	91.163	ug/l #	88
38) Carbon Tetrachloride	7.987	117	223970	106.011	ug/l	98
39) Methylcyclohexane	9.269	83	287076	103.492	ug/l	91
40) Benzene	8.246	78	713654	99.004	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076459.D
 Acq On : 16 Jun 2023 17:04
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 19 04:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:23:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	66472	83.867	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	189702	97.396	ug/l	95
43) Isopropyl Acetate	8.358	43	248492	95.827	ug/l #	85
44) Trichloroethene	9.028	130	190141	97.784	ug/l	96
45) 1,2-Dichloropropane	9.305	63	190887	97.669	ug/l	99
46) Dibromomethane	9.393	93	104843	100.138	ug/l	91
47) Bromodichloromethane	9.581	83	247002	98.585	ug/l	99
48) Methyl methacrylate	9.381	41	118301	99.535	ug/l #	68
49) 1,4-Dioxane	9.387	88	24642	1964.393	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	652475	492.230	ug/l #	84
52) Toluene	10.334	92	458699	101.406	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	249417	98.104	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	294025	97.546	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	140252	95.767	ug/l	98
56) Ethyl methacrylate	10.599	69	185915	97.224	ug/l #	73
57) 1,3-Dichloropropane	10.881	76	245185	97.784	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	379604	468.241	ug/l	91
59) 2-Hexanone	10.922	43	454365	492.774	ug/l	82
60) Dibromochloromethane	11.075	129	168747	99.009	ug/l	96
61) 1,2-Dibromoethane	11.181	107	132567	96.427	ug/l	100
64) Tetrachloroethene	10.810	164	154341	101.593	ug/l	93
65) Chlorobenzene	11.604	112	479294	99.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	177217	103.059	ug/l	99
67) Ethyl Benzene	11.681	91	890640	104.538	ug/l	96
68) m/p-Xylenes	11.793	106	687090	206.596	ug/l	91
69) o-Xylene	12.122	106	332681	105.084	ug/l	94
70) Styrene	12.134	104	561017	102.585	ug/l	96
71) Bromoform	12.298	173	105541	102.222	ug/l #	98
73) Isopropylbenzene	12.422	105	849075	102.311	ug/l	96
74) N-amyl acetate	12.234	43	240147	98.844	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	166633	97.304	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	114713m	93.321	ug/l	
77) Bromobenzene	12.698	156	195846	95.655	ug/l	87
78) n-propylbenzene	12.763	91	1049323	102.402	ug/l	96
79) 2-Chlorotoluene	12.851	91	562478	99.961	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	685526	101.150	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	52906	94.764	ug/l	94
82) 4-Chlorotoluene	12.946	91	580488	99.335	ug/l	95
83) tert-Butylbenzene	13.169	119	611179	101.492	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	686784	100.557	ug/l	97
85) sec-Butylbenzene	13.345	105	930580	104.133	ug/l	96
86) p-Isopropyltoluene	13.463	119	785935	105.252	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	395734	98.399	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	387035	96.493	ug/l	99
89) n-Butylbenzene	13.787	91	751455	103.176	ug/l	98
90) Hexachloroethane	14.051	117	143427	104.085	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	346260	98.528	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	23544	91.340	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	230069	98.231	ug/l	99
94) Hexachlorobutadiene	15.204	225	118381	103.964	ug/l	99
95) Naphthalene	15.334	128	463133	98.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	203676	99.813	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
Data File : VD076459.D
Acq On : 16 Jun 2023 17:04
Operator : KP/SY
Sample : VSTDICC100
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 19 04:27:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:23:38 2023
Response via : Initial Calibration

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

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

