

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076486.D
 Acq On : 20 Jun 2023 12:16
 Operator : KP/SY
 Sample : VD0620SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 15:30:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

06/22/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	135610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	236784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103590	50.000	ug/l	0.00

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System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	67522	49.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.400%
35) Dibromofluoromethane	7.804	113	73821	52.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.269	98	278952	52.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.575	95	89273	51.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	22640	21.971	ug/l	91
3) Chloromethane	2.146	50	44285	20.664	ug/l	94
4) Vinyl Chloride	2.275	62	49998	20.914	ug/l	93
5) Bromomethane	2.675	94	34593	22.255	ug/l	96
6) Chloroethane	2.828	64	35638	21.750	ug/l	94
7) Trichlorofluoromethane	3.164	101	43167	21.941	ug/l	98
8) Diethyl Ether	3.587	74	14839	20.041	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.958	101	27466	21.678	ug/l	99
10) Methyl Iodide	4.152	142	31478	20.956	ug/l	92
11) Tert butyl alcohol	5.058	59	10288	87.699	ug/l #	73
12) 1,1-Dichloroethene	3.928	96	25184	20.295	ug/l #	83
13) Acrolein	3.793	56	11574	91.599	ug/l	96
14) Allyl chloride	4.552	41	47393	20.884	ug/l #	87
15) Acrylonitrile	5.258	53	35370	92.900	ug/l	96
16) Acetone	4.016	43	28655	88.628	ug/l #	70
17) Carbon Disulfide	4.263	76	68457	20.191	ug/l	99
18) Methyl Acetate	4.558	43	28879	19.382	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	68427	20.160	ug/l	94
20) Methylene Chloride	4.799	84	52471	25.082	ug/l #	70
21) trans-1,2-Dichloroethene	5.310	96	31785	22.162	ug/l	90
22) Diisopropyl ether	6.216	45	102141	20.815	ug/l	94
23) Vinyl Acetate	6.152	43	229907	94.523	ug/l #	86
24) 1,1-Dichloroethane	6.099	63	59097	21.567	ug/l	97
25) 2-Butanone	7.081	43	45665	91.317	ug/l #	77
26) 2,2-Dichloropropane	7.069	77	49960	21.148	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	37810	21.783	ug/l	86
28) Bromochloromethane	7.422	49	19594	23.752	ug/l #	70
29) Tetrahydrofuran	7.452	42	28874	89.846	ug/l #	76
30) Chloroform	7.593	83	58336	21.501	ug/l	91
31) Cyclohexane	7.881	56	46380	21.242	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	47244	21.541	ug/l	96
36) 1,1-Dichloropropene	8.004	75	42542	21.597	ug/l	94
37) Ethyl Acetate	7.169	43	22134	19.391	ug/l #	90
38) Carbon Tetrachloride	7.987	117	37301	21.186	ug/l	94
39) Methylcyclohexane	9.269	83	47823	20.688	ug/l #	85
40) Benzene	8.246	78	131010	21.809	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	13542	21.010	ug/l	#	80
42) 1,2-Dichloroethane	8.322	62	32963	20.308	ug/l		95
43) Isopropyl Acetate	8.357	43	40384	18.688	ug/l	#	85
44) Trichloroethene	9.028	130	36309	22.407	ug/l		93
45) 1,2-Dichloropropane	9.304	63	36332	22.307	ug/l		95
46) Dibromomethane	9.387	93	18524	21.231	ug/l		93
47) Bromodichloromethane	9.581	83	44543	21.333	ug/l		98
48) Methyl methacrylate	9.381	41	18940	19.122	ug/l	#	72
49) 1,4-Dioxane	9.387	88	4160	397.938	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.157	43	103199	93.422	ug/l	#	84
52) Toluene	10.334	92	83165	22.062	ug/l		97
53) t-1,3-Dichloropropene	10.551	75	42377	20.001	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	52133	20.754	ug/l	#	83
55) 1,1,2-Trichloroethane	10.728	97	24336	19.940	ug/l		92
56) Ethyl methacrylate	10.598	69	30707	19.269	ug/l	#	70
57) 1,3-Dichloropropane	10.881	76	43853	20.987	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	67088	99.301	ug/l		91
59) 2-Hexanone	10.922	43	69209	90.069	ug/l		81
60) Dibromochloromethane	11.075	129	31313	22.046	ug/l		99
61) 1,2-Dibromoethane	11.181	107	23534	20.541	ug/l		95
64) Tetrachloroethene	10.810	164	26863	20.737	ug/l		90
65) Chlorobenzene	11.604	112	89383	21.801	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	32243	21.989	ug/l		97
67) Ethyl Benzene	11.681	91	155513	21.406	ug/l		97
68) m/p-Xylenes	11.792	106	123673	43.610	ug/l		91
69) o-Xylene	12.122	106	59261	21.952	ug/l		96
70) Styrene	12.134	104	101591	21.785	ug/l		97
71) Bromoform	12.298	173	17845	20.269	ug/l	#	97
73) Isopropylbenzene	12.422	105	151499	21.722	ug/l		99
74) N-amyl acetate	12.234	43	38240	18.728	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	28218	19.607	ug/l		99
76) 1,2,3-Trichloropropane	12.728	75	19477m	18.945	ug/l		
77) Bromobenzene	12.704	156	35817	20.816	ug/l		90
78) n-propylbenzene	12.763	91	191912	22.285	ug/l		96
79) 2-Chlorotoluene	12.851	91	104254	22.046	ug/l		96
80) 1,3,5-Trimethylbenzene	12.904	105	123505	21.684	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.463	75	8909	18.988	ug/l		90
82) 4-Chlorotoluene	12.945	91	108640	22.121	ug/l		96
83) tert-Butylbenzene	13.169	119	111704	22.072	ug/l		95
84) 1,2,4-Trimethylbenzene	13.210	105	124537	21.697	ug/l		96
85) sec-Butylbenzene	13.345	105	168284	22.407	ug/l		97
86) p-Isopropyltoluene	13.457	119	138980	22.147	ug/l		97
87) 1,3-Dichlorobenzene	13.457	146	72549	21.465	ug/l		95
88) 1,4-Dichlorobenzene	13.539	146	76759	22.771	ug/l		96
89) n-Butylbenzene	13.786	91	134639	21.997	ug/l		99
90) Hexachloroethane	14.051	117	26052	22.496	ug/l		95
91) 1,2-Dichlorobenzene	13.828	146	65951	22.330	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4186	19.324	ug/l		92
93) 1,2,4-Trichlorobenzene	15.098	180	42560	21.622	ug/l		100
94) Hexachlorobutadiene	15.198	225	23054	24.091	ug/l		99
95) Naphthalene	15.333	128	76449	19.423	ug/l		98
96) 1,2,3-Trichlorobenzene	15.516	180	37629	21.942	ug/l		99

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

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