

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076151.D
 Acq On : 19 May 2023 12:05
 Operator : KP/SY
 Sample : VD0519SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

Quant Time: May 19 15:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

05/22/2023

Supervised By :Mahesh

Dadoda

05/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	91013	52.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.980%	
35) Dibromofluoromethane	7.805	113	103551	46.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.400%	
50) Toluene-d8	10.269	98	407338	46.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	12.575	95	113127	46.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33486	20.895	ug/l	99
3) Chloromethane	2.146	50	65891	22.602	ug/l	99
4) Vinyl Chloride	2.281	62	80012	23.149	ug/l	99
5) Bromomethane	2.675	94	54954	23.616	ug/l	94
6) Chloroethane	2.828	64	54639	23.497	ug/l	98
7) Trichlorofluoromethane	3.170	101	60616	20.691	ug/l	95
8) Diethyl Ether	3.593	74	19564	20.307	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.964	101	38865	20.140	ug/l	94
10) Methyl Iodide	4.158	142	45532	22.693	ug/l	90
11) Tert butyl alcohol	5.058	59	9387	103.327	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	38612	20.105	ug/l	90
13) Acrolein	3.799	56	20197	90.838	ug/l	97
14) Allyl chloride	4.564	41	38922	19.969	ug/l #	80
15) Acrylonitrile	5.258	53	43109	108.070	ug/l	97
16) Acetone	4.022	43	36438	106.638	ug/l #	80
17) Carbon Disulfide	4.264	76	117343	20.951	ug/l	98
18) Methyl Acetate	4.564	43	25528	20.944	ug/l #	74
19) Methyl tert-butyl Ether	5.311	73	77443	20.602	ug/l	97
20) Methylene Chloride	4.793	84	64367	17.662	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	44767	20.225	ug/l #	81
22) Diisopropyl ether	6.211	45	96777	21.391	ug/l #	94
23) Vinyl Acetate	6.158	43	182822	102.773	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	77497	21.720	ug/l	98
25) 2-Butanone	7.081	43	45640	106.229	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	62452	21.466	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	50930	20.735	ug/l	85
28) Bromochloromethane	7.428	49	27347	22.986	ug/l #	74
29) Tetrahydrofuran	7.452	42	25701	102.632	ug/l #	69
30) Chloroform	7.599	83	83460	21.873	ug/l	97
31) Cyclohexane	7.875	56	51615	19.624	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	63455	20.868	ug/l	99
36) 1,1-Dichloropropene	8.005	75	56806	18.768	ug/l	96
37) Ethyl Acetate	7.169	43	18534	17.683	ug/l #	79
38) Carbon Tetrachloride	7.993	117	47980	17.549	ug/l	96
39) Methylcyclohexane	9.275	83	59533	17.084	ug/l	92
40) Benzene	8.252	78	184480	18.958	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	10599	18.442	ug/l	#	75
42) 1,2-Dichloroethane	8.328	62	45456	19.749	ug/l		93
43) Isopropyl Acetate	8.358	43	33480	17.100	ug/l	#	77
44) Trichloroethene	9.028	130	48699	17.757	ug/l		94
45) 1,2-Dichloropropane	9.305	63	44950	18.727	ug/l	#	88
46) Dibromomethane	9.393	93	25917	19.263	ug/l		98
47) Bromodichloromethane	9.581	83	61429	18.997	ug/l	#	98
48) Methyl methacrylate	9.381	41	14446	16.671	ug/l	#	60
49) 1,4-Dioxane	9.393	88	5012	348.359	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.157	43	93937	90.210	ug/l	#	85
52) Toluene	10.334	92	116661	19.195	ug/l		95
53) t-1,3-Dichloropropene	10.557	75	53990	18.526	ug/l		97
54) cis-1,3-Dichloropropene	10.016	75	66883	18.805	ug/l	#	73
55) 1,1,2-Trichloroethane	10.734	97	36538	18.938	ug/l		93
56) Ethyl methacrylate	10.599	69	32995	17.014	ug/l	#	72
57) 1,3-Dichloropropane	10.881	76	58853	19.443	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	83871	90.137	ug/l		90
59) 2-Hexanone	10.922	43	65468	89.150	ug/l		77
60) Dibromochloromethane	11.075	129	41247	19.013	ug/l		99
61) 1,2-Dibromoethane	11.181	107	32774	19.096	ug/l		97
64) Tetrachloroethene	10.810	164	37882	16.582	ug/l		92
65) Chlorobenzene	11.610	112	123804	18.305	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	42946	18.452	ug/l		95
67) Ethyl Benzene	11.687	91	193440	17.899	ug/l		96
68) m/p-Xylenes	11.793	106	165441	37.456	ug/l		91
69) o-Xylene	12.122	106	74409	18.463	ug/l		89
70) Styrene	12.140	104	130049	18.612	ug/l		94
71) Bromoform	12.299	173	23319	17.812	ug/l	#	99
73) Isopropylbenzene	12.422	105	178530	17.695	ug/l		99
74) N-amyl acetate	12.234	43	31081	17.295	ug/l	#	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	42866	19.768	ug/l		95
76) 1,2,3-Trichloropropane	12.728	75	27038m	20.258	ug/l		
77) Bromobenzene	12.698	156	47663	17.625	ug/l		96
78) n-propylbenzene	12.763	91	236908	18.864	ug/l		98
79) 2-Chlorotoluene	12.851	91	131483	18.917	ug/l		94
80) 1,3,5-Trimethylbenzene	12.904	105	153965	18.408	ug/l		93
81) trans-1,4-Dichloro-2-b...	12.469	75	11815	18.570	ug/l	#	75
82) 4-Chlorotoluene	12.946	91	142783	19.313	ug/l		95
83) tert-Butylbenzene	13.169	119	125188	17.710	ug/l		95
84) 1,2,4-Trimethylbenzene	13.216	105	156974	18.845	ug/l		96
85) sec-Butylbenzene	13.346	105	208106	18.891	ug/l		99
86) p-Isopropyltoluene	13.463	119	167175	18.546	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	101766	18.612	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	104530	19.307	ug/l		96
89) n-Butylbenzene	13.787	91	154607	18.201	ug/l		98
90) Hexachloroethane	14.051	117	34553	18.636	ug/l		98
91) 1,2-Dichlorobenzene	13.828	146	87908	18.321	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5411	19.218	ug/l		93
93) 1,2,4-Trichlorobenzene	15.098	180	41978	15.040	ug/l		97
94) Hexachlorobutadiene	15.204	225	21605	15.182	ug/l		97
95) Naphthalene	15.334	128	81560	15.727	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	39226	15.453	ug/l		99

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

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