

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075171.D
 Acq On : 23 Jan 2023 13:08
 Operator : KP/SY
 Sample : VD0123SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 14:04:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	72362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	130215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39639	53.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.804	113	40663	51.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.360%	
50) Toluene-d8	10.269	98	163908	52.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.575	95	50337	51.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	15794	26.430	ug/l	98
3) Chloromethane	2.146	50	20656	22.098	ug/l	98
4) Vinyl Chloride	2.281	62	21008	20.945	ug/l	97
5) Bromomethane	2.681	94	13934	20.427	ug/l	96
6) Chloroethane	2.834	64	14936	21.476	ug/l	96
7) Trichlorofluoromethane	3.175	101	28700	22.511	ug/l	95
8) Diethyl Ether	3.593	74	8188	19.933	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	17714	22.507	ug/l	99
10) Methyl Iodide	4.163	142	19916	18.798	ug/l	99
11) Tert butyl alcohol	5.046	59	5190	100.752	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	18546	22.383	ug/l	85
13) Acrolein	3.799	56	6152	131.246	ug/l	92
14) Allyl chloride	4.558	41	27685	20.588	ug/l	97
15) Acrylonitrile	5.252	53	19225	110.681	ug/l	98
16) Acetone	4.022	43	20097	103.194	ug/l	98
17) Carbon Disulfide	4.275	76	59887	22.284	ug/l	96
18) Methyl Acetate	4.563	43	12104	22.865	ug/l	97
19) Methyl tert-butyl Ether	5.310	73	36742	21.228	ug/l	93
20) Methylene Chloride	4.799	84	22441	16.917	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	20103	21.795	ug/l	88
22) Diisopropyl ether	6.222	45	53204	21.258	ug/l	97
23) Vinyl Acetate	6.157	43	104574	94.803	ug/l	99
24) 1,1-Dichloroethane	6.110	63	34117	21.691	ug/l	95
25) 2-Butanone	7.087	43	25196	107.045	ug/l	98
26) 2,2-Dichloropropane	7.081	77	27891	19.893	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	21616	21.499	ug/l	96
28) Bromochloromethane	7.428	49	10404	24.228	ug/l #	92
29) Tetrahydrofuran	7.446	42	14548	108.365	ug/l	96
30) Chloroform	7.599	83	33412	21.303	ug/l	99
31) Cyclohexane	7.881	56	32008	21.614	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	28845	21.347	ug/l	99
36) 1,1-Dichloropropene	8.010	75	26566	21.014	ug/l	98
37) Ethyl Acetate	7.169	43	9701	19.047	ug/l	98
38) Carbon Tetrachloride	7.987	117	21523	20.220	ug/l	96
39) Methylcyclohexane	9.275	83	32925	21.133	ug/l	95
40) Benzene	8.252	78	77902	21.608	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	7488	24.433	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	20009	21.128	ug/l	99
43) Isopropyl Acetate	8.363	43	20391	20.573	ug/l #	86
44) Trichloroethene	9.028	130	20245	19.969	ug/l	94
45) 1,2-Dichloropropane	9.304	63	18940	21.326	ug/l	90
46) Dibromomethane	9.399	93	9617	20.533	ug/l	96
47) Bromodichloromethane	9.587	83	24988	21.505	ug/l	96
48) Methyl methacrylate	9.381	41	9987	20.605	ug/l	93
49) 1,4-Dioxane	9.387	88	1583	354.030	ug/l	90
51) 4-Methyl-2-Pentanone	10.163	43	52127	109.519	ug/l	97
52) Toluene	10.334	92	48434	21.258	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	21690	19.730	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	27463	20.448	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	13177	21.259	ug/l	93
56) Ethyl methacrylate	10.598	69	15290	20.512	ug/l	99
57) 1,3-Dichloropropane	10.881	76	22876	21.478	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	24615	96.504	ug/l	98
59) 2-Hexanone	10.928	43	36944	107.349	ug/l	96
60) Dibromochloromethane	11.081	129	15647	20.944	ug/l	99
61) 1,2-Dibromoethane	11.181	107	12526	21.151	ug/l	97
64) Tetrachloroethene	10.810	164	16547	20.053	ug/l	93
65) Chlorobenzene	11.610	112	48628	20.537	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.687	131	16060	20.165	ug/l	98
67) Ethyl Benzene	11.687	91	89678	21.040	ug/l	98
68) m/p-Xylenes	11.798	106	70636	42.901	ug/l	97
69) o-Xylene	12.122	106	31509	20.401	ug/l	93
70) Styrene	12.140	104	55248	21.519	ug/l	99
71) Bromoform	12.304	173	8322	20.236	ug/l #	98
73) Isopropylbenzene	12.422	105	84363	20.060	ug/l	99
74) N-amyl acetate	12.240	43	17788	19.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.681	83	14460	21.581	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	9466m	20.993	ug/l	
77) Bromobenzene	12.704	156	18261	19.010	ug/l	93
78) n-propylbenzene	12.769	91	106338	20.577	ug/l	99
79) 2-Chlorotoluene	12.851	91	59033	20.770	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	70060	20.334	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	3722	19.147	ug/l	94
82) 4-Chlorotoluene	12.951	91	61082	20.902	ug/l	99
83) tert-Butylbenzene	13.175	119	60714	20.365	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	69647	20.583	ug/l	99
85) sec-Butylbenzene	13.351	105	94203	20.801	ug/l	97
86) p-Isopropyltoluene	13.463	119	75694	20.415	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	37627	20.208	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	37699	20.578	ug/l	98
89) n-Butylbenzene	13.792	91	74774	20.696	ug/l	97
90) Hexachloroethane	14.063	117	13190	20.145	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	32779	20.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	2327	22.714	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	19887	19.011	ug/l	98
94) Hexachlorobutadiene	15.210	225	9434	18.402	ug/l	99
95) Naphthalene	15.339	128	38476	18.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	16785	18.805	ug/l	96

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

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