

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075062.D
 Acq On : 28 Dec 2022 13:30
 Operator : KP/SY
 Sample : VD1228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/29/2022
 Supervised By :Mahesh Dadoda 12/29/2022

Quant Time: Dec 29 03:49:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	214041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61649	52.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.980%			
35) Dibromofluoromethane	7.805	113	66516	52.811	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.620%			
50) Toluene-d8	10.269	98	255962	50.296	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.575	95	84950	51.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	15846	26.212	ug/l	97
3) Chloromethane	2.146	50	27043	25.986	ug/l	92
4) Vinyl Chloride	2.281	62	26409	26.753	ug/l	96
5) Bromomethane	2.675	94	12862	28.159	ug/l	100
6) Chloroethane	2.822	64	16393	26.230	ug/l	99
7) Trichlorofluoromethane	3.169	101	36082	23.817	ug/l	95
8) Diethyl Ether	3.593	74	12016	20.685	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.964	101	23895	22.387	ug/l	97
10) Methyl Iodide	4.158	142	21082	23.009	ug/l	99
11) Tert butyl alcohol	5.069	59	10982	115.929	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	23218	22.513	ug/l #	82
13) Acrolein	3.799	56	13448	96.007	ug/l	96
14) Allyl chloride	4.564	41	40227	22.416	ug/l #	91
15) Acrylonitrile	5.246	53	30903	105.058	ug/l	99
16) Acetone	4.022	43	29871	98.851	ug/l	100
17) Carbon Disulfide	4.269	76	56970	27.800	ug/l	99
18) Methyl Acetate	4.564	43	17774	22.643	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	58443	21.335	ug/l	94
20) Methylene Chloride	4.799	84	37710	24.734	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	25359	22.156	ug/l	85
22) Diisopropyl ether	6.210	45	83410	21.577	ug/l #	92
23) Vinyl Acetate	6.158	43	188724	107.952	ug/l	94
24) 1,1-Dichloroethane	6.105	63	49901	22.101	ug/l	99
25) 2-Butanone	7.087	43	41861	103.808	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	43647	21.640	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	32209	22.309	ug/l	90
28) Bromochloromethane	7.422	49	16332	20.896	ug/l	83
29) Tetrahydrofuran	7.440	42	22692	97.607	ug/l	87
30) Chloroform	7.599	83	47875	21.715	ug/l	94
31) Cyclohexane	7.875	56	42439	23.899	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	41359	21.680	ug/l	95
36) 1,1-Dichloropropene	8.005	75	35840	22.030	ug/l	99
37) Ethyl Acetate	7.163	43	18252	22.210	ug/l #	82
38) Carbon Tetrachloride	7.993	117	30844	21.926	ug/l	98
39) Methylcyclohexane	9.269	83	45010	22.781	ug/l	90
40) Benzene	8.252	78	109710	22.150	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10087m	19.727	ug/l	
42) 1,2-Dichloroethane	8.328	62	27438	21.713	ug/l	98
43) Isopropyl Acetate	8.363	43	32980	19.949	ug/l #	92
44) Trichloroethene	9.028	130	30466	22.332	ug/l	94
45) 1,2-Dichloropropane	9.304	63	28732	21.657	ug/l	93
46) Dibromomethane	9.393	93	14060	21.309	ug/l	98
47) Bromodichloromethane	9.581	83	36391	21.179	ug/l	94
48) Methyl methacrylate	9.381	41	16273	21.670	ug/l #	82
49) 1,4-Dioxane	9.387	88	3284	394.951	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	83079	101.725	ug/l	91
52) Toluene	10.334	92	67653	21.450	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	34817	20.826	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	42259	20.977	ug/l #	83
55) 1,1,2-Trichloroethane	10.734	97	20439	21.155	ug/l	93
56) Ethyl methacrylate	10.598	69	27048	21.268	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	34706	21.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	51623	98.890	ug/l	97
59) 2-Hexanone	10.922	43	58572	98.623	ug/l	92
60) Dibromochloromethane	11.075	129	23802	21.504	ug/l	99
61) 1,2-Dibromoethane	11.181	107	18861	21.775	ug/l	98
64) Tetrachloroethene	10.810	164	24557	22.528	ug/l	93
65) Chlorobenzene	11.610	112	72408	21.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	24718	20.986	ug/l	98
67) Ethyl Benzene	11.687	91	131984	21.202	ug/l	98
68) m/p-Xylenes	11.793	106	100776	42.699	ug/l	100
69) o-Xylene	12.122	106	48597	21.405	ug/l	98
70) Styrene	12.134	104	80968	21.213	ug/l	98
71) Bromoform	12.298	173	12882	20.158	ug/l #	98
73) Isopropylbenzene	12.422	105	129656	20.771	ug/l	98
74) N-amyl acetate	12.234	43	30823	19.454	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	21957	19.726	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	16455m	19.711	ug/l	
77) Bromobenzene	12.698	156	27909	20.946	ug/l	92
78) n-propylbenzene	12.763	91	157525	20.603	ug/l	99
79) 2-Chlorotoluene	12.851	91	86826	20.787	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	102870	20.435	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6446	17.896	ug/l	90
82) 4-Chlorotoluene	12.945	91	88064	20.663	ug/l	99
83) tert-Butylbenzene	13.169	119	92897	20.846	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	99659	20.354	ug/l	99
85) sec-Butylbenzene	13.345	105	139613	20.405	ug/l	99
86) p-Isopropyltoluene	13.463	119	109135	19.995	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	54495	20.932	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	55102	21.189	ug/l	98
89) n-Butylbenzene	13.787	91	110591	20.286	ug/l	99
90) Hexachloroethane	14.051	117	18933	19.520	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	49115	21.351	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3357	19.627	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	31360	20.748	ug/l	96
94) Hexachlorobutadiene	15.204	225	14291	18.913	ug/l	98
95) Naphthalene	15.334	128	64125	20.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	25582	19.721	ug/l	94

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

