

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078239.D
 Acq On : 25 Jan 2024 10:59
 Operator : RP/MD
 Sample : VD0125SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0125SBS01

Quant Time: Jan 26 14:37:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	131488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75251	50.132	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.260%			
35) Dibromofluoromethane	7.810	113	77555	49.366	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.740%			
50) Toluene-d8	10.269	98	308601	49.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.575	95	88445	49.027	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32707	22.678	ug/l	98
3) Chloromethane	2.152	50	48332	19.950	ug/l	99
4) Vinyl Chloride	2.287	62	61858	19.839	ug/l	97
5) Bromomethane	2.693	94	40399	17.754	ug/l	99
6) Chloroethane	2.840	64	41074	18.859	ug/l	94
7) Trichlorofluoromethane	3.181	101	54486	19.212	ug/l	94
8) Diethyl Ether	3.593	74	14407	18.325	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	33916	20.647	ug/l	90
10) Methyl Iodide	4.169	142	29247	17.762	ug/l #	90
11) Tert butyl alcohol	5.052	59	7605	102.912	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	30006	18.440	ug/l	87
13) Acrolein	3.799	56	14167	83.511	ug/l	98
14) Allyl chloride	4.569	41	41322	19.252	ug/l #	89
15) Acrylonitrile	5.258	53	34800	98.641	ug/l	98
16) Acetone	4.028	43	51064	125.635	ug/l #	86
17) Carbon Disulfide	4.275	76	94617	17.932	ug/l #	94
18) Methyl Acetate	4.569	43	24215	18.750	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	61883	18.237	ug/l	98
20) Methylene Chloride	4.805	84	39667	19.058	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	34273	18.227	ug/l	92
22) Diisopropyl ether	6.216	45	90842	20.001	ug/l #	94
23) Vinyl Acetate	6.158	43	211807	94.655	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	62107	19.790	ug/l	97
25) 2-Butanone	7.087	43	56791	114.503	ug/l #	77
26) 2,2-Dichloropropane	7.081	77	49585	18.861	ug/l	75
27) cis-1,2-Dichloroethene	7.081	96	38844	19.231	ug/l	89
28) Bromochloromethane	7.428	49	23764	19.415	ug/l #	78
29) Tetrahydrofuran	7.446	42	23538	95.050	ug/l	88
30) Chloroform	7.599	83	63723	19.966	ug/l	96
31) Cyclohexane	7.881	56	52990	19.093	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	53916	19.556	ug/l	99
36) 1,1-Dichloropropene	8.016	75	49220	19.052	ug/l	95
37) Ethyl Acetate	7.169	43	14797	15.385	ug/l	95
38) Carbon Tetrachloride	7.999	117	46003	18.030	ug/l	96
39) Methylcyclohexane	9.275	83	56563	18.513	ug/l #	86
40) Benzene	8.252	78	142761	19.473	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	10502	19.886	ug/l	91
42) 1,2-Dichloroethane	8.328	62	35741	18.737	ug/l	95
43) Isopropyl Acetate	8.363	43	30843	17.504	ug/l #	91
44) Trichloroethene	9.028	130	34279	18.276	ug/l	90
45) 1,2-Dichloropropane	9.310	63	36094	19.840	ug/l	96
46) Dibromomethane	9.393	93	18879	18.897	ug/l #	86
47) Bromodichloromethane	9.581	83	46313	18.454	ug/l	100
48) Methyl methacrylate	9.381	41	19449	19.065	ug/l #	74
49) 1,4-Dioxane	9.387	88	3479	359.884	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	88608	95.698	ug/l	89
52) Toluene	10.334	92	86480	18.610	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	41375	17.870	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	50665	18.254	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	25395	18.996	ug/l	93
56) Ethyl methacrylate	10.599	69	20593	18.818	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	42501	18.590	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	66274	101.058	ug/l	95
59) 2-Hexanone	10.922	43	79775	106.025	ug/l	85
60) Dibromochloromethane	11.075	129	28920	18.349	ug/l	94
61) 1,2-Dibromoethane	11.181	107	22898	18.582	ug/l	98
64) Tetrachloroethene	10.810	164	26626	18.513	ug/l	94
65) Chlorobenzene	11.610	112	88703	18.255	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	31970	18.411	ug/l	98
67) Ethyl Benzene	11.687	91	161966	18.317	ug/l	98
68) m/p-Xylenes	11.793	106	125796	37.249	ug/l	89
69) o-Xylene	12.122	106	53885	17.581	ug/l	85
70) Styrene	12.134	104	83977	18.285	ug/l	95
71) Bromoform	12.298	173	15055	17.507	ug/l #	98
73) Isopropylbenzene	12.422	105	149963	18.847	ug/l	95
74) N-amyl acetate	12.234	43	29339	19.273	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	27723	18.725	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	15015m	15.470	ug/l	
77) Bromobenzene	12.698	156	33128	18.990	ug/l	82
78) n-propylbenzene	12.763	91	191054	19.360	ug/l	94
79) 2-Chlorotoluene	12.845	91	100211	19.028	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	127251	19.287	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	8826	19.587	ug/l	92
82) 4-Chlorotoluene	12.945	91	108015	19.457	ug/l	94
83) tert-Butylbenzene	13.163	119	103588	18.782	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	124698	18.688	ug/l	96
85) sec-Butylbenzene	13.345	105	157703	18.884	ug/l	96
86) p-Isopropyltoluene	13.457	119	133930	18.429	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	66784	18.490	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	65976	18.489	ug/l	95
89) n-Butylbenzene	13.787	91	136496	19.294	ug/l	95
90) Hexachloroethane	14.051	117	27859	19.542	ug/l	79
91) 1,2-Dichlorobenzene	13.828	146	59168	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3935	18.598	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	32549	17.337	ug/l	94
94) Hexachlorobutadiene	15.198	225	16370	18.044	ug/l	96
95) Naphthalene	15.334	128	59910	17.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	27472	17.440	ug/l	97

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

