

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078547.D
 Acq On : 26 Feb 2024 12:05
 Operator : RP/MD
 Sample : VD0226SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 03:24:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	194282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65430	53.117	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.240%			
35) Dibromofluoromethane	7.804	113	72447	58.704	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.400%			
50) Toluene-d8	10.269	98	279441	56.604	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.200%			
62) 4-Bromofluorobenzene	12.575	95	79716	55.488	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	17514	15.603	ug/l	94
3) Chloromethane	2.152	50	32071	15.547	ug/l	95
4) Vinyl Chloride	2.281	62	52401	16.647	ug/l	95
5) Bromomethane	2.687	94	40869	18.810	ug/l	98
6) Chloroethane	2.834	64	42909	18.694	ug/l	96
7) Trichlorofluoromethane	3.175	101	39474	18.590	ug/l	99
8) Diethyl Ether	3.605	74	11621	19.001	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.963	101	25431	18.984	ug/l	95
10) Methyl Iodide	4.163	142	23420	19.520	ug/l	91
11) Tert butyl alcohol	5.058	59	7047	102.213	ug/l #	83
12) 1,1-Dichloroethene	3.940	96	23500	18.922	ug/l	96
13) Acrolein	3.799	56	10166	89.334	ug/l	94
14) Allyl chloride	4.563	41	28319	18.458	ug/l	90
15) Acrylonitrile	5.252	53	26879	102.661	ug/l	99
16) Acetone	4.022	43	29839	110.640	ug/l	87
17) Carbon Disulfide	4.269	76	57585	13.780	ug/l	99
18) Methyl Acetate	4.575	43	9834	14.287	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	53131	20.136	ug/l	94
20) Methylene Chloride	4.799	84	41267	28.228	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	27548	18.855	ug/l #	85
22) Diisopropyl ether	6.216	45	68105	20.140	ug/l	95
23) Vinyl Acetate	6.157	43	175321m	119.164	ug/l	
24) 1,1-Dichloroethane	6.110	63	49642	20.723	ug/l	92
25) 2-Butanone	7.087	43	36278	107.278	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	41221	20.526	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	31713	19.784	ug/l	96
28) Bromochloromethane	7.422	49	20370	21.469	ug/l	90
29) Tetrahydrofuran	7.452	42	17788	97.102	ug/l #	89
30) Chloroform	7.599	83	52093	20.553	ug/l	97
31) Cyclohexane	7.875	56	32833	15.757	ug/l #	95
32) 1,1,1-Trichloroethane	7.799	97	45083	20.863	ug/l	98
36) 1,1-Dichloropropene	8.010	75	37236	19.422	ug/l	97
37) Ethyl Acetate	7.169	43	11980	17.826	ug/l #	93
38) Carbon Tetrachloride	7.993	117	37554	19.780	ug/l	93
39) Methylcyclohexane	9.281	83	38361	16.855	ug/l	98
40) Benzene	8.251	78	112413	20.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6588	18.836	ug/l	94
42) 1,2-Dichloroethane	8.322	62	29822	20.799	ug/l	96
43) Isopropyl Acetate	8.363	43	23995	19.281	ug/l #	84
44) Trichloroethene	9.034	130	28898	20.441	ug/l	87
45) 1,2-Dichloropropane	9.304	63	28582	21.022	ug/l	93
46) Dibromomethane	9.398	93	16105	21.059	ug/l	91
47) Bromodichloromethane	9.587	83	40098	21.169	ug/l	98
48) Methyl methacrylate	9.381	41	10788	16.339	ug/l	84
49) 1,4-Dioxane	9.381	88	3060	369.480	ug/l #	65
51) 4-Methyl-2-Pentanone	10.157	43	66708	100.995	ug/l	92
52) Toluene	10.334	92	72628	20.725	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	36750	21.263	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	44613	21.287	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	22805	22.143	ug/l	97
56) Ethyl methacrylate	10.598	69	22045	23.145	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	36013	20.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	62481	111.363	ug/l	97
59) 2-Hexanone	10.922	43	53559	107.900	ug/l	89
60) Dibromochloromethane	11.075	129	27363	22.083	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21839	22.588	ug/l	94
64) Tetrachloroethene	10.810	164	23671	20.730	ug/l	94
65) Chlorobenzene	11.610	112	81101	22.315	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	30739	23.015	ug/l	96
67) Ethyl Benzene	11.687	91	131911	20.257	ug/l	99
68) m/p-Xylenes	11.792	106	105962	41.716	ug/l	96
69) o-Xylene	12.116	106	48299	20.836	ug/l	93
70) Styrene	12.134	104	86903	22.972	ug/l	99
71) Bromoform	12.298	173	15792	22.464	ug/l #	98
73) Isopropylbenzene	12.422	105	124990	20.203	ug/l	96
74) N-amyl acetate	12.234	43	23292	19.900	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	26565	21.646	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	16761m	21.428	ug/l	
77) Bromobenzene	12.698	156	31914	21.949	ug/l	94
78) n-propylbenzene	12.763	91	162838	21.120	ug/l	95
79) 2-Chlorotoluene	12.845	91	87837	21.271	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	106074	20.648	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8062	21.397	ug/l	94
82) 4-Chlorotoluene	12.945	91	91747	20.687	ug/l	95
83) tert-Butylbenzene	13.169	119	92632	21.380	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	109402	20.983	ug/l	97
85) sec-Butylbenzene	13.345	105	142717	21.240	ug/l	97
86) p-Isopropyltoluene	13.463	119	116446	20.347	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	66652	21.478	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	66660	21.862	ug/l	97
89) n-Butylbenzene	13.786	91	109485	19.848	ug/l	98
90) Hexachloroethane	14.051	117	25102	21.340	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	58443	22.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3390	21.096	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	33343	21.771	ug/l	97
94) Hexachlorobutadiene	15.204	225	17881	22.368	ug/l	96
95) Naphthalene	15.328	128	58850	20.718	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30246	23.303	ug/l	98

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

