

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078286.D
 Acq On : 31 Jan 2024 11:18
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Feb 01 02:56:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	122630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68360	45.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.060%		
35) Dibromofluoromethane	7.805	113	71823	46.064	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.120%		
50) Toluene-d8	10.269	98	284281	48.157	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.575	95	82484	46.658	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64571	50.158	ug/l	95
3) Chloromethane	2.152	50	118788	46.566	ug/l	99
4) Vinyl Chloride	2.287	62	154947	46.047	ug/l	97
5) Bromomethane	2.693	94	86554	42.488	ug/l	95
6) Chloroethane	2.840	64	104397	44.917	ug/l	100
7) Trichlorofluoromethane	3.175	101	131659	46.214	ug/l	99
8) Diethyl Ether	3.593	74	38321	45.470	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	80248	45.898	ug/l	93
10) Methyl Iodide	4.164	142	77701	48.855	ug/l	91
11) Tert butyl alcohol	5.058	59	20647	213.224	ug/l	98
12) 1,1-Dichloroethene	3.946	96	78162	46.331	ug/l	90
13) Acrolein	3.799	56	24063	209.291	ug/l	99
14) Allyl chloride	4.564	41	103730	46.636	ug/l	91
15) Acrylonitrile	5.258	53	82827	222.346	ug/l	99
16) Acetone	4.022	43	83084	232.443	ug/l #	78
17) Carbon Disulfide	4.269	76	259281	45.525	ug/l	97
18) Methyl Acetate	4.564	43	39515	48.836	ug/l #	88
19) Methyl tert-butyl Ether	5.311	73	164101	46.772	ug/l	97
20) Methylene Chloride	4.805	84	86156	46.658	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	90015	47.191	ug/l	95
22) Diisopropyl ether	6.222	45	221280	46.754	ug/l	93
23) Vinyl Acetate	6.158	43	660344	228.689	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	150151	45.827	ug/l	99
25) 2-Butanone	7.081	43	108450	214.391	ug/l	88
26) 2,2-Dichloropropane	7.075	77	127850	47.769	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	96851	45.812	ug/l	90
28) Bromochloromethane	7.422	49	63322	54.185	ug/l #	74
29) Tetrahydrofuran	7.446	42	58372	215.702	ug/l	87
30) Chloroform	7.599	83	155488	46.414	ug/l	95
31) Cyclohexane	7.881	56	128330	45.137	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	135484	46.927	ug/l	100
36) 1,1-Dichloropropene	8.010	75	123781	47.875	ug/l	95
37) Ethyl Acetate	7.169	43	39866	40.062	ug/l	97
38) Carbon Tetrachloride	7.993	117	117148	46.080	ug/l	92
39) Methylcyclohexane	9.275	83	147967	48.404	ug/l	94
40) Benzene	8.252	78	348984	46.260	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	23315	43.580	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	87854	44.900	ug/l	95
43) Isopropyl Acetate	8.357	43	81758	45.823	ug/l #	91
44) Trichloroethene	9.028	130	86984	46.956	ug/l	85
45) 1,2-Dichloropropane	9.304	63	83006	45.001	ug/l	99
46) Dibromomethane	9.399	93	44772	43.748	ug/l	89
47) Bromodichloromethane	9.587	83	117065	46.493	ug/l	99
48) Methyl methacrylate	9.381	41	40731	47.773	ug/l #	77
49) 1,4-Dioxane	9.381	88	9986	869.849	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	211602	219.230	ug/l	91
52) Toluene	10.334	92	220333	48.151	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	109090	46.385	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	133624	47.992	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	60505	45.305	ug/l	93
56) Ethyl methacrylate	10.599	69	71335	47.092	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	104576	45.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	180932	262.651	ug/l	93
59) 2-Hexanone	10.922	43	159810	219.844	ug/l	89
60) Dibromochloromethane	11.075	129	72887	47.015	ug/l	97
61) 1,2-Dibromoethane	11.181	107	56565	44.861	ug/l	99
64) Tetrachloroethene	10.810	164	67600	48.704	ug/l	93
65) Chlorobenzene	11.604	112	219235	46.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	79344	46.808	ug/l	96
67) Ethyl Benzene	11.681	91	418216	48.494	ug/l	92
68) m/p-Xylenes	11.793	106	319430	96.275	ug/l	88
69) o-Xylene	12.122	106	147875	48.497	ug/l	89
70) Styrene	12.134	104	251946	48.384	ug/l	95
71) Bromoform	12.298	173	39191	46.944	ug/l #	100
73) Isopropylbenzene	12.422	105	391311	49.269	ug/l	96
74) N-amyl acetate	12.234	43	76956	46.849	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	69627	45.395	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	46957m	47.860	ug/l	
77) Bromobenzene	12.698	156	81594	46.684	ug/l	84
78) n-propylbenzene	12.763	91	493764	49.907	ug/l	95
79) 2-Chlorotoluene	12.851	91	257114	48.546	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	320809	49.651	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	22999	46.620	ug/l	93
82) 4-Chlorotoluene	12.945	91	265553	47.031	ug/l	96
83) tert-Butylbenzene	13.169	119	278127	50.447	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	322883	49.392	ug/l	96
85) sec-Butylbenzene	13.345	105	438294	50.653	ug/l	95
86) p-Isopropyltoluene	13.463	119	356950	50.366	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	174115	47.952	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	169652	47.223	ug/l	96
89) n-Butylbenzene	13.787	91	358755	51.948	ug/l	96
90) Hexachloroethane	14.057	117	70560	49.846	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	146758	47.244	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9374	43.599	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	90106	50.148	ug/l	96
94) Hexachlorobutadiene	15.204	225	45711	51.918	ug/l	99
95) Naphthalene	15.334	128	176469	49.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	77360	48.898	ug/l	97

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

