

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078633.D
 Acq On : 12 Mar 2024 09:58
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 03:01:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69041	49.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.580%		
35) Dibromofluoromethane	7.810	113	80049	53.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.760%		
50) Toluene-d8	10.269	98	308248	53.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.800%		
62) 4-Bromofluorobenzene	12.575	95	91200	55.314	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	110.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58375	53.177	ug/l	97
3) Chloromethane	2.152	50	87362	43.200	ug/l	97
4) Vinyl Chloride	2.287	62	143285	41.258	ug/l	97
5) Bromomethane	2.699	94	129000	46.508	ug/l	97
6) Chloroethane	2.840	64	109863	42.681	ug/l	98
7) Trichlorofluoromethane	3.181	101	120723	51.408	ug/l	94
8) Diethyl Ether	3.599	74	35676	54.103	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.975	101	76826	51.908	ug/l	99
10) Methyl Iodide	4.169	142	92465	59.703	ug/l	91
11) Tert butyl alcohol	5.052	59	16980	257.674	ug/l	98
12) 1,1-Dichloroethene	3.940	96	71659	51.863	ug/l	94
13) Acrolein	3.793	56	26903	193.686	ug/l	100
14) Allyl chloride	4.569	41	79771	50.689	ug/l	93
15) Acrylonitrile	5.252	53	77566	285.320	ug/l	97
16) Acetone	4.022	43	77458	288.673	ug/l	95
17) Carbon Disulfide	4.275	76	222667	48.371	ug/l	98
18) Methyl Acetate	4.569	43	31697	62.410	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	155928	55.504	ug/l	100
20) Methylene Chloride	4.805	84	91745	49.941	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	86415	52.052	ug/l	97
22) Diisopropyl ether	6.222	45	186435	52.839	ug/l	96
23) Vinyl Acetate	6.158	43	568663	271.366	ug/l	95
24) 1,1-Dichloroethane	6.116	63	136091	51.054	ug/l	100
25) 2-Butanone	7.081	43	96633	285.500	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	118360	52.560	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	97324	53.539	ug/l	99
28) Bromochloromethane	7.428	49	52489	52.709	ug/l	97
29) Tetrahydrofuran	7.452	42	50609	269.136	ug/l	97
30) Chloroform	7.599	83	148630	51.641	ug/l	93
31) Cyclohexane	7.875	56	105118	47.952	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	127743	51.738	ug/l	98
36) 1,1-Dichloropropene	8.010	75	114333	55.617	ug/l	97
37) Ethyl Acetate	7.163	43	35971	54.004	ug/l	97
38) Carbon Tetrachloride	7.993	117	119149	55.415	ug/l	96
39) Methylcyclohexane	9.275	83	135336	56.091	ug/l	98
40) Benzene	8.252	78	332027	54.491	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	20948	58.677	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	84851	54.891	ug/l	97
43) Isopropyl Acetate	8.363	43	70372	55.107	ug/l	95
44) Trichloroethene	9.028	130	89174	53.331	ug/l	94
45) 1,2-Dichloropropane	9.304	63	80270	54.840	ug/l	100
46) Dibromomethane	9.399	93	49625	58.810	ug/l	94
47) Bromodichloromethane	9.581	83	115980	55.743	ug/l	100
48) Methyl methacrylate	9.381	41	33475	57.868	ug/l	89
49) 1,4-Dioxane	9.387	88	9766	1045.380	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	193384	293.395	ug/l	95
52) Toluene	10.334	92	216604	55.401	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	108022	56.122	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	129113	56.024	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	67043	56.426	ug/l	96
56) Ethyl methacrylate	10.599	69	70271	59.008	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104742	54.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	168185	317.418	ug/l	98
59) 2-Hexanone	10.922	43	147616	301.944	ug/l	93
60) Dibromochloromethane	11.075	129	81304	56.671	ug/l	94
61) 1,2-Dibromoethane	11.175	107	63836	58.541	ug/l	99
64) Tetrachloroethene	10.810	164	74742	54.746	ug/l	97
65) Chlorobenzene	11.604	112	235688	55.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	87412	54.951	ug/l	98
67) Ethyl Benzene	11.681	91	417056	56.331	ug/l	99
68) m/p-Xylenes	11.793	106	333928	111.486	ug/l	94
69) o-Xylene	12.122	106	154494	56.857	ug/l	94
70) Styrene	12.134	104	274338	58.247	ug/l	100
71) Bromoform	12.298	173	50120	59.226	ug/l #	98
73) Isopropylbenzene	12.422	105	405349	53.491	ug/l	97
74) N-amyl acetate	12.234	43	67369	52.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	73959	50.947	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	47986m	52.558	ug/l	
77) Bromobenzene	12.698	156	99626	54.361	ug/l	99
78) n-propylbenzene	12.763	91	490699	52.939	ug/l	98
79) 2-Chlorotoluene	12.851	91	263886	53.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	335418	54.395	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	22782	53.410	ug/l	98
82) 4-Chlorotoluene	12.945	91	280074	52.835	ug/l	97
83) tert-Butylbenzene	13.169	119	292147	55.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	342409	54.328	ug/l	99
85) sec-Butylbenzene	13.345	105	450756	54.418	ug/l	96
86) p-Isopropyltoluene	13.463	119	384297	55.112	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	208479	53.239	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	205328	52.336	ug/l	99
89) n-Butylbenzene	13.787	91	357045	54.792	ug/l	97
90) Hexachloroethane	14.057	117	74606	52.620	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	178458	53.651	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10351	53.493	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	109280	55.481	ug/l	96
94) Hexachlorobutadiene	15.204	225	58554	54.029	ug/l	98
95) Naphthalene	15.334	128	197076	56.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	95362	54.515	ug/l	99

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

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