

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078883.D
 Acq On : 07 May 2024 17:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 04:24:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	166442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58761	49.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.020%		
35) Dibromofluoromethane	7.805	113	64071	50.197	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.400%		
50) Toluene-d8	10.269	98	246931	50.411	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.569	95	72424	51.662	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52236	43.219	ug/l	100
3) Chloromethane	2.146	50	87015	48.441	ug/l	95
4) Vinyl Chloride	2.281	62	137318	52.661	ug/l	94
5) Bromomethane	2.687	94	111931	43.019	ug/l	97
6) Chloroethane	2.828	64	111370	51.846	ug/l	98
7) Trichlorofluoromethane	3.175	101	118841	55.999	ug/l	97
8) Diethyl Ether	3.593	74	36116	62.414	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.964	101	72786	57.088	ug/l	98
10) Methyl Iodide	4.164	142	90492	59.127	ug/l	95
11) Tert butyl alcohol	5.058	59	16660	306.475	ug/l #	75
12) 1,1-Dichloroethene	3.934	96	70095	55.448	ug/l	84
13) Acrolein	3.793	56	23304	221.962	ug/l	97
14) Allyl chloride	4.552	41	73335	57.791	ug/l	99
15) Acrylonitrile	5.252	53	71799	311.701	ug/l	95
16) Acetone	4.022	43	52420	296.213	ug/l	97
17) Carbon Disulfide	4.269	76	221648	53.020	ug/l	100
18) Methyl Acetate	4.569	43	27280	62.184	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	155565	65.024	ug/l	98
20) Methylene Chloride	4.799	84	108673	69.843	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	81307	57.359	ug/l	86
22) Diisopropyl ether	6.211	45	180882	64.463	ug/l	99
23) Vinyl Acetate	6.152	43	542088	320.448	ug/l	96
24) 1,1-Dichloroethane	6.111	63	129821	57.467	ug/l	98
25) 2-Butanone	7.081	43	63816	257.134	ug/l	96
26) 2,2-Dichloropropane	7.075	77	93366	48.981	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	81405	50.277	ug/l	96
28) Bromochloromethane	7.428	49	38562	45.371	ug/l	95
29) Tetrahydrofuran	7.440	42	41446	285.399	ug/l	96
30) Chloroform	7.593	83	126466	50.166	ug/l	95
31) Cyclohexane	7.875	56	80395	45.630	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	106201	49.949	ug/l	98
36) 1,1-Dichloropropene	8.010	75	86301	52.566	ug/l	98
37) Ethyl Acetate	7.169	43	30533	56.228	ug/l	97
38) Carbon Tetrachloride	7.993	117	97718	51.708	ug/l	94
39) Methylcyclohexane	9.275	83	106091	52.444	ug/l	94
40) Benzene	8.252	78	280685	52.206	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16455	61.364	ug/l	95
42) 1,2-Dichloroethane	8.322	62	68286	53.798	ug/l	99
43) Isopropyl Acetate	8.363	43	56709	57.093	ug/l #	82
44) Trichloroethene	9.028	130	69495	51.313	ug/l	92
45) 1,2-Dichloropropane	9.305	63	62530	53.032	ug/l	98
46) Dibromomethane	9.387	93	41215	54.905	ug/l	98
47) Bromodichloromethane	9.581	83	98607	53.050	ug/l	98
48) Methyl methacrylate	9.381	41	24211	52.002	ug/l	86
49) 1,4-Dioxane	9.381	88	8604	1256.028	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	153408	288.417	ug/l	99
52) Toluene	10.334	92	182264	53.971	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	83993	53.891	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	102733	54.575	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	52961	54.394	ug/l	94
56) Ethyl methacrylate	10.599	69	58214	58.190	ug/l	98
57) 1,3-Dichloropropane	10.881	76	83592	54.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	131076	300.057	ug/l	98
59) 2-Hexanone	10.922	43	108881	289.107	ug/l	99
60) Dibromochloromethane	11.075	129	73292	55.538	ug/l	99
61) 1,2-Dibromoethane	11.175	107	50474	55.898	ug/l	99
64) Tetrachloroethene	10.810	164	59489	52.401	ug/l	96
65) Chlorobenzene	11.604	112	207401	54.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	73394	54.945	ug/l	99
67) Ethyl Benzene	11.681	91	341840	54.711	ug/l	100
68) m/p-Xylenes	11.793	106	287599	113.684	ug/l	95
69) o-Xylene	12.116	106	131773	56.974	ug/l	98
70) Styrene	12.134	104	234653	57.701	ug/l	99
71) Bromoform	12.298	173	43138	59.647	ug/l #	97
73) Isopropylbenzene	12.416	105	326700	52.188	ug/l	99
74) N-amyl acetate	12.234	43	55170	52.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	61591	52.512	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	37508m	48.546	ug/l	
77) Bromobenzene	12.698	156	81896	50.919	ug/l	98
78) n-propylbenzene	12.763	91	397522	52.398	ug/l	98
79) 2-Chlorotoluene	12.846	91	218412	51.580	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	275650	53.027	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	20776	52.539	ug/l	95
82) 4-Chlorotoluene	12.946	91	231059	51.168	ug/l	98
83) tert-Butylbenzene	13.163	119	237775	53.141	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	287913	54.110	ug/l	99
85) sec-Butylbenzene	13.345	105	363598	53.513	ug/l	100
86) p-Isopropyltoluene	13.457	119	317004	53.836	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	177267	52.628	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	171586	51.461	ug/l	99
89) n-Butylbenzene	13.787	91	278320	53.018	ug/l	99
90) Hexachloroethane	14.051	117	64146	50.919	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	150944	52.362	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8322	52.116	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	88651	55.357	ug/l	94
94) Hexachlorobutadiene	15.204	225	46313	56.453	ug/l	98
95) Naphthalene	15.334	128	162630	56.367	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	79942	56.348	ug/l	98

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

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