

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079489.D
 Acq On : 31 Jul 2024 10:22
 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 :Romaben Patel 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Jul 31 16:00:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	217885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	347404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	173937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	125372	56.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.280%			
35) Dibromofluoromethane	7.805	113	135392	57.580	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.160%			
50) Toluene-d8	10.269	98	534966	58.586	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.180%			
62) 4-Bromofluorobenzene	12.569	95	157682	59.673	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	78831	46.176	ug/l	96
3) Chloromethane	2.146	50	142780	45.391	ug/l	93
4) Vinyl Chloride	2.281	62	179506	47.995	ug/l	100
5) Bromomethane	2.681	94	97688	40.902	ug/l	98
6) Chloroethane	2.828	64	104927	43.659	ug/l	99
7) Trichlorofluoromethane	3.169	101	181230	48.724	ug/l	98
8) Diethyl Ether	3.593	74	55127	49.064	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.958	101	115455	49.078	ug/l	99
10) Methyl Iodide	4.158	142	144589	50.520	ug/l	98
11) Tert butyl alcohol	5.052	59	29711	294.614	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	111056	47.173	ug/l	90
13) Acrolein	3.793	56	49131	306.090	ug/l	95
14) Allyl chloride	4.558	41	143902	46.290	ug/l	88
15) Acrylonitrile	5.252	53	130289	248.157	ug/l	97
16) Acetone	4.016	43	122393	284.518	ug/l	97
17) Carbon Disulfide	4.264	76	373531	48.067	ug/l	99
18) Methyl Acetate	4.564	43	62825	47.039	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	248077	51.624	ug/l	100
20) Methylene Chloride	4.793	84	161673	51.208	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	129545	48.983	ug/l	89
22) Diisopropyl ether	6.210	45	353643	51.128	ug/l #	93
23) Vinyl Acetate	6.152	43	1391322	267.586	ug/l	94
24) 1,1-Dichloroethane	6.110	63	224737	48.484	ug/l	98
25) 2-Butanone	7.081	43	164308	269.415	ug/l	92
26) 2,2-Dichloropropane	7.075	77	182283	48.618	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	151501	50.117	ug/l	91
28) Bromochloromethane	7.422	49	111352	54.783	ug/l #	77
29) Tetrahydrofuran	7.446	42	98564	260.783	ug/l #	85
30) Chloroform	7.593	83	234322	49.919	ug/l	99
31) Cyclohexane	7.875	56	171299	46.597	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	195654	50.513	ug/l	98
36) 1,1-Dichloropropene	8.005	75	165306	51.507	ug/l	97
37) Ethyl Acetate	7.163	43	76094	57.828	ug/l	97
38) Carbon Tetrachloride	7.987	117	180607	53.532	ug/l	97
39) Methylcyclohexane	9.269	83	199796	52.176	ug/l	92
40) Benzene	8.246	78	525400	51.542	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	39315m	54.317	ug/l	
42) 1,2-Dichloroethane	8.322	62	129400	53.271	ug/l	98
43) Isopropyl Acetate	8.357	43	130314	52.693	ug/l	96
44) Trichloroethene	9.028	130	131670	51.889	ug/l	96
45) 1,2-Dichloropropane	9.304	63	132406	53.375	ug/l	97
46) Dibromomethane	9.393	93	75432	54.850	ug/l	97
47) Bromodichloromethane	9.581	83	182547	54.059	ug/l	97
48) Methyl methacrylate	9.375	41	61921	55.948	ug/l	83
49) 1,4-Dioxane	9.375	88	14964	1050.104	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	357915	283.471	ug/l	95
52) Toluene	10.328	92	341036	54.095	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	164521	52.758	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	197274	52.593	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	99753	55.064	ug/l	93
56) Ethyl methacrylate	10.598	69	119224	55.543	ug/l	92
57) 1,3-Dichloropropane	10.875	76	168798	54.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	305515	308.628	ug/l	92
59) 2-Hexanone	10.916	43	267318	303.571	ug/l	97
60) Dibromochloromethane	11.069	129	131936	55.750	ug/l	100
61) 1,2-Dibromoethane	11.175	107	93747	55.237	ug/l	96
64) Tetrachloroethene	10.810	164	112125	50.457	ug/l	94
65) Chlorobenzene	11.604	112	366228	50.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	131112	54.607	ug/l	96
67) Ethyl Benzene	11.681	91	620494	51.939	ug/l	99
68) m/p-Xylenes	11.793	106	502871	106.098	ug/l	93
69) o-Xylene	12.116	106	229840	52.905	ug/l	93
70) Styrene	12.128	104	419249	55.045	ug/l	97
71) Bromoform	12.298	173	75944	55.950	ug/l #	98
73) Isopropylbenzene	12.416	105	587582	45.459	ug/l	100
74) N-amyl acetate	12.228	43	132904	51.950	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	117472	51.988	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	71034m	46.721	ug/l	
77) Bromobenzene	12.698	156	147483	50.568	ug/l	90
78) n-propylbenzene	12.757	91	727545	50.039	ug/l	98
79) 2-Chlorotoluene	12.845	91	402216	49.682	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	493930	50.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	39717	49.824	ug/l	95
82) 4-Chlorotoluene	12.945	91	426014	50.477	ug/l	97
83) tert-Butylbenzene	13.163	119	421752	45.305	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	508022	46.836	ug/l	99
85) sec-Butylbenzene	13.340	105	645371	50.078	ug/l	99
86) p-Isopropyltoluene	13.457	119	551736	45.612	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	298649	49.434	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	295076	49.680	ug/l	99
89) n-Butylbenzene	13.781	91	508348	45.510	ug/l	99
90) Hexachloroethane	14.051	117	112404	49.867	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	262823	50.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	16230	53.981	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	159535	49.041	ug/l	99
94) Hexachlorobutadiene	15.198	225	85124	48.483	ug/l	96
95) Naphthalene	15.328	128	289012	51.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	141444	49.428	ug/l	99

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

