

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079577.D
 Acq On : 05 Aug 2024 13:37
 Operator : RP/MD
 Sample : VD0805SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0805SBS01

Quant Time: Aug 06 02:44:50 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	227119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	411097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	185307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	116925	50.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.360%		
35) Dibromofluoromethane	7.805	113	122740	44.111	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.220%		
50) Toluene-d8	10.269	98	498832	46.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.320%		
62) 4-Bromofluorobenzene	12.569	95	143275	45.820	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32746	18.401	ug/l	99
3) Chloromethane	2.146	50	59716	18.212	ug/l	95
4) Vinyl Chloride	2.281	62	71899	18.442	ug/l	96
5) Bromomethane	2.675	94	49554	18.477	ug/l	96
6) Chloroethane	2.828	64	44304	17.685	ug/l #	89
7) Trichlorofluoromethane	3.164	101	75198	19.395	ug/l	96
8) Diethyl Ether	3.593	74	23317	19.909	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.958	101	46436	18.937	ug/l	97
10) Methyl Iodide	4.158	142	47990	17.597	ug/l	99
11) Tert butyl alcohol	5.058	59	13719	130.124	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	45501	18.542	ug/l	88
13) Acrolein	3.793	56	17160	97.152	ug/l	85
14) Allyl chloride	4.558	41	67430	20.809	ug/l #	85
15) Acrylonitrile	5.252	53	59713	109.109	ug/l	95
16) Acetone	4.022	43	43182	96.301	ug/l	98
17) Carbon Disulfide	4.269	76	127937	15.794	ug/l	99
18) Methyl Acetate	4.564	43	29138	20.929	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	104665	20.895	ug/l	91
20) Methylene Chloride	4.793	84	64120	5.572	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	51874	18.817	ug/l	86
22) Diisopropyl ether	6.216	45	158054	21.922	ug/l #	93
23) Vinyl Acetate	6.152	43	571739	105.489	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	97391	20.157	ug/l	94
25) 2-Butanone	7.081	43	64893	102.078	ug/l	88
26) 2,2-Dichloropropane	7.069	77	76896	19.676	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	61213	19.426	ug/l	88
28) Bromochloromethane	7.428	49	42561	20.088	ug/l #	69
29) Tetrahydrofuran	7.452	42	42853	108.772	ug/l #	79
30) Chloroform	7.593	83	99638	20.364	ug/l	95
31) Cyclohexane	7.881	56	70115	18.297	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	79640	19.725	ug/l	97
36) 1,1-Dichloropropene	8.010	75	65697	17.299	ug/l	98
37) Ethyl Acetate	7.163	43	28378	18.225	ug/l	99
38) Carbon Tetrachloride	7.993	117	70823	17.739	ug/l	99
39) Methylcyclohexane	9.275	83	73412	16.201	ug/l	91
40) Benzene	8.252	78	216024	17.909	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14489	16.916	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	53703	18.683	ug/l	95
43) Isopropyl Acetate	8.363	43	57791	19.748	ug/l #	93
44) Trichloroethene	9.028	130	51899	17.284	ug/l	97
45) 1,2-Dichloropropane	9.305	63	55568	18.930	ug/l	99
46) Dibromomethane	9.393	93	28325	17.405	ug/l	92
47) Bromodichloromethane	9.581	83	74953	18.757	ug/l	99
48) Methyl methacrylate	9.381	41	25420	19.409	ug/l	83
49) 1,4-Dioxane	9.381	88	5748	340.872	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	147543	98.750	ug/l	95
52) Toluene	10.334	92	135075	18.106	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	68903	18.672	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	81081	18.267	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	40852	19.057	ug/l	95
56) Ethyl methacrylate	10.599	69	48163	18.961	ug/l	89
57) 1,3-Dichloropropane	10.875	76	69904	19.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	102279	87.313	ug/l	89
59) 2-Hexanone	10.922	43	104440	100.228	ug/l	93
60) Dibromochloromethane	11.075	129	50753	18.123	ug/l	98
61) 1,2-Dibromoethane	11.175	107	36749	18.298	ug/l	99
64) Tetrachloroethene	10.804	164	41542	16.569	ug/l	93
65) Chlorobenzene	11.604	112	148919	18.086	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	50553	18.661	ug/l	99
67) Ethyl Benzene	11.681	91	248071	18.404	ug/l	99
68) m/p-Xylenes	11.793	106	198029	37.031	ug/l	93
69) o-Xylene	12.116	106	91526	18.672	ug/l	94
70) Styrene	12.134	104	160647	18.694	ug/l	97
71) Bromoform	12.298	173	28063	18.324	ug/l #	96
73) Isopropylbenzene	12.416	105	235849	19.388	ug/l	100
74) N-amyl acetate	12.234	43	55399	20.326	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	46792	19.437	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34971m	21.590	ug/l	
77) Bromobenzene	12.698	156	55235	17.777	ug/l	83
78) n-propylbenzene	12.757	91	296925	19.169	ug/l	97
79) 2-Chlorotoluene	12.846	91	163742	18.985	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	195587	18.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	16497	19.425	ug/l	95
82) 4-Chlorotoluene	12.946	91	175096	19.474	ug/l	96
83) tert-Butylbenzene	13.163	119	169244	19.326	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	198898	19.381	ug/l	99
85) sec-Butylbenzene	13.340	105	258151	18.802	ug/l	99
86) p-Isopropyltoluene	13.457	119	218020	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	116891	18.161	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	117094	18.505	ug/l	98
89) n-Butylbenzene	13.787	91	203521	19.463	ug/l	98
90) Hexachloroethane	14.051	117	43564	18.141	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	102884	18.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6550	20.449	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	60853	17.558	ug/l	98
94) Hexachlorobutadiene	15.198	225	32620	17.439	ug/l	96
95) Naphthalene	15.328	128	112197	18.704	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	52815	17.324	ug/l	99

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

