

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079542.D
 Acq On : 02 Aug 2024 15:10
 Operator : RP/MD
 Sample : VD0802SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS02

Quant Time: Aug 03 00:32:34 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 :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	193429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	342985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	120386	61.263	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.520%			
35) Dibromofluoromethane	7.805	113	125190	53.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.860%			
50) Toluene-d8	10.269	98	510578	56.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.280%			
62) 4-Bromofluorobenzene	12.569	95	145984	55.958	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	35957	23.725	ug/l	96
3) Chloromethane	2.146	50	67048	24.010	ug/l	95
4) Vinyl Chloride	2.275	62	82263	24.776	ug/l	97
5) Bromomethane	2.664	94	48891	21.846	ug/l	99
6) Chloroethane	2.822	64	48655	22.804	ug/l	98
7) Trichlorofluoromethane	3.158	101	78064	23.641	ug/l	94
8) Diethyl Ether	3.593	74	25563	25.628	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.952	101	48039	23.002	ug/l	98
10) Methyl Iodide	4.152	142	52057	22.058	ug/l	96
11) Tert butyl alcohol	5.064	59	14341	163.154	ug/l #	94
12) 1,1-Dichloroethene	3.928	96	48995	23.443	ug/l	90
13) Acrolein	3.793	56	18675	131.184	ug/l	96
14) Allyl chloride	4.546	41	65616	23.776	ug/l	87
15) Acrylonitrile	5.252	53	60369	129.521	ug/l	99
16) Acetone	4.028	43	43494	113.891	ug/l	91
17) Carbon Disulfide	4.258	76	150833	21.864	ug/l	99
18) Methyl Acetate	4.552	43	32077	27.053	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	104352	24.461	ug/l	97
20) Methylene Chloride	4.793	84	79515	19.590	ug/l #	88
21) trans-1,2-Dichloroethene	5.305	96	55380	23.588	ug/l	88
22) Diisopropyl ether	6.211	45	157302	25.617	ug/l #	90
23) Vinyl Acetate	6.152	43	585500	126.844	ug/l #	92
24) 1,1-Dichloroethane	6.099	63	100362	24.389	ug/l	91
25) 2-Butanone	7.081	43	68610	126.723	ug/l	95
26) 2,2-Dichloropropane	7.069	77	78117	23.469	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	63004	23.477	ug/l	88
28) Bromochloromethane	7.422	49	43740	24.240	ug/l #	72
29) Tetrahydrofuran	7.440	42	44429	132.414	ug/l #	83
30) Chloroform	7.593	83	101964	24.468	ug/l	98
31) Cyclohexane	7.875	56	73743	22.596	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	84149	24.472	ug/l	98
36) 1,1-Dichloropropene	8.005	75	68564	21.639	ug/l	99
37) Ethyl Acetate	7.163	43	31604	24.327	ug/l #	76
38) Carbon Tetrachloride	7.987	117	73368	22.026	ug/l	95
39) Methylcyclohexane	9.269	83	77186	20.416	ug/l	90
40) Benzene	8.246	78	225342	22.391	ug/l	93

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41) Methacrylonitrile	7.405	41	15713	21.989	ug/l	90
42) 1,2-Dichloroethane	8.322	62	55386	23.095	ug/l	97
43) Isopropyl Acetate	8.357	43	59448	24.348	ug/l #	90
44) Trichloroethene	9.028	130	53677	21.426	ug/l	90
45) 1,2-Dichloropropane	9.299	63	57085	23.308	ug/l	98
46) Dibromomethane	9.393	93	30567	22.513	ug/l	95
47) Bromodichloromethane	9.581	83	75989	22.793	ug/l	98
48) Methyl methacrylate	9.375	41	24011	21.974	ug/l	91
49) 1,4-Dioxane	9.387	88	7100	504.664	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	156489	125.537	ug/l	93
52) Toluene	10.334	92	140221	22.528	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	68495	22.248	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	81404	21.982	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	42199	23.594	ug/l	91
56) Ethyl methacrylate	10.593	69	49881	23.537	ug/l	89
57) 1,3-Dichloropropane	10.875	76	69748	22.949	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	113156	115.782	ug/l	92
59) 2-Hexanone	10.922	43	106353	122.332	ug/l	93
60) Dibromochloromethane	11.069	129	51813	22.176	ug/l	96
61) 1,2-Dibromoethane	11.175	107	37896	22.617	ug/l	97
64) Tetrachloroethene	10.810	164	45742	21.235	ug/l	93
65) Chlorobenzene	11.604	112	156390	22.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	52489	22.553	ug/l	97
67) Ethyl Benzene	11.681	91	251167	21.689	ug/l	98
68) m/p-Xylenes	11.793	106	200931	43.735	ug/l	93
69) o-Xylene	12.116	106	91452	21.717	ug/l	88
70) Styrene	12.134	104	166347	22.531	ug/l	96
71) Bromoform	12.298	173	29550	22.459	ug/l #	97
73) Isopropylbenzene	12.422	105	237153	22.316	ug/l	99
74) N-amyl acetate	12.228	43	57316	24.798	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	49184	24.093	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	37103m	27.012	ug/l	
77) Bromobenzene	12.698	156	58193	22.085	ug/l	87
78) n-propylbenzene	12.763	91	295426	22.491	ug/l	98
79) 2-Chlorotoluene	12.845	91	165062	22.568	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	199700	22.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	16760	23.272	ug/l	94
82) 4-Chlorotoluene	12.945	91	176182	23.107	ug/l	98
83) tert-Butylbenzene	13.163	119	170750	22.305	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	203654	22.689	ug/l	99
85) sec-Butylbenzene	13.340	105	259841	22.318	ug/l	100
86) p-Isopropyltoluene	13.457	119	220290	22.326	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	120154	22.014	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	120993	22.548	ug/l	98
89) n-Butylbenzene	13.787	91	203275	22.251	ug/l	99
90) Hexachloroethane	14.051	117	46522	22.845	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	105237	22.560	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6605	24.316	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	63051	21.453	ug/l	100
94) Hexachlorobutadiene	15.198	225	33629	21.201	ug/l	98
95) Naphthalene	15.328	128	117501	23.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	56093	21.697	ug/l	97

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

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