

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079486.D
 Acq On : 31 Jul 2024 06:30
 Operator : RP/MD
 Sample : P3374-09MSD
 Misc : 7.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

Quant Time: Jul 31 08:23:45 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 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	103964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	179127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71509	67.706	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.420%			
35) Dibromofluoromethane	7.804	113	74608	61.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.080%			
50) Toluene-d8	10.269	98	233973	49.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.569	95	86144	63.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 126.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63515	77.972	ug/l	98
3) Chloromethane	2.146	50	116416	77.563	ug/l	96
4) Vinyl Chloride	2.281	62	140710	78.847	ug/l	98
5) Bromomethane	2.687	94	82750	74.769	ug/l	95
6) Chloroethane	2.834	64	87258	76.091	ug/l	96
7) Trichlorofluoromethane	3.169	101	87890	49.522	ug/l	100
8) Diethyl Ether	3.593	74	32933	61.430	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.963	101	56450	50.290	ug/l	93
10) Methyl Iodide	4.163	142	69201	50.658	ug/l	92
11) Tert butyl alcohol	5.052	59	23089	444.601	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	59104	52.616	ug/l	86
13) Acrolein	3.793	56	9541	123.630	ug/l	96
14) Allyl chloride	4.563	41	106342	71.691	ug/l	88
15) Acrylonitrile	5.252	53	107469	428.990	ug/l	98
16) Acetone	4.016	43	60110	292.849	ug/l	98
17) Carbon Disulfide	4.269	76	231395	62.406	ug/l	100
18) Methyl Acetate	4.563	43	85639	134.381	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	196307	85.614	ug/l	99
20) Methylene Chloride	4.799	84	188095	129.893	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	98609	78.143	ug/l	91
22) Diisopropyl ether	6.216	45	274172	83.073	ug/l	95
23) Vinyl Acetate	6.157	43	677745	273.178	ug/l	93
24) 1,1-Dichloroethane	6.110	63	176020	79.585	ug/l	97
25) 2-Butanone	7.081	43	118783	408.189	ug/l	93
26) 2,2-Dichloropropane	7.075	77	113633	63.518	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	136104	94.359	ug/l	95
28) Bromochloromethane	7.428	49	82192	84.746	ug/l #	75
29) Tetrahydrofuran	7.446	42	78332	434.354	ug/l #	83
30) Chloroform	7.593	83	186388	83.218	ug/l	100
31) Cyclohexane	7.881	56	123406	70.353	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	148380	80.284	ug/l	99
36) 1,1-Dichloropropene	8.004	75	123986	74.924	ug/l	96
37) Ethyl Acetate	7.169	43	49831	73.445	ug/l	99
38) Carbon Tetrachloride	7.993	117	133358	76.660	ug/l	98
39) Methylcyclohexane	9.275	83	143933	72.898	ug/l	93
40) Benzene	8.251	78	405052	77.065	ug/l	96

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41) Methacrylonitrile	7.399	41	29259	78.400	ug/l	88
42) 1,2-Dichloroethane	8.328	62	100968	80.615	ug/l	97
43) Isopropyl Acetate	8.357	43	99718	78.201	ug/l	95
44) Trichloroethene	9.028	130	132703	101.424	ug/l	93
45) 1,2-Dichloropropane	9.304	63	102775	80.350	ug/l	95
46) Dibromomethane	9.393	93	60025	84.651	ug/l	98
47) Bromodichloromethane	9.587	83	142381	81.775	ug/l	100
48) Methyl methacrylate	9.381	41	47154	82.630	ug/l	89
49) 1,4-Dioxane	9.381	88	12853	1749.294	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	276149	424.176	ug/l	95
52) Toluene	10.334	92	250730	77.132	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	125059	77.778	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	150108	77.613	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	78003	83.507	ug/l	94
56) Ethyl methacrylate	10.598	69	88618	80.068	ug/l	91
57) 1,3-Dichloropropane	10.875	76	129902	81.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	345240	676.390	ug/l	92
59) 2-Hexanone	10.922	43	187975	414.006	ug/l	97
60) Dibromochloromethane	11.075	129	102457	83.965	ug/l	100
61) 1,2-Dibromoethane	11.181	107	73346	83.816	ug/l	98
64) Tetrachloroethene	10.810	164	101006	79.175	ug/l	97
65) Chlorobenzene	11.604	112	282391	67.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	98863	71.724	ug/l	98
67) Ethyl Benzene	11.681	91	457717	66.739	ug/l	98
68) m/p-Xylenes	11.792	106	371783	136.637	ug/l	94
69) o-Xylene	12.122	106	173010	69.370	ug/l	91
70) Styrene	12.134	104	310629	71.042	ug/l	97
71) Bromoform	12.298	173	60329	77.422	ug/l #	99
73) Isopropylbenzene	12.416	105	429661	51.699	ug/l	100
74) N-amyl acetate	12.234	43	77544	47.634	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	91096	63.356	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	54984m	56.834	ug/l	
77) Bromobenzene	12.698	156	112262	60.491	ug/l	92
78) n-propylbenzene	12.763	91	525457	56.795	ug/l	97
79) 2-Chlorotoluene	12.845	91	300932	58.416	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	361602	58.651	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	28254	55.701	ug/l	98
82) 4-Chlorotoluene	12.945	91	311729	58.046	ug/l	98
83) tert-Butylbenzene	13.163	119	308157	51.484	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	371487	53.311	ug/l	99
85) sec-Butylbenzene	13.339	105	465146	56.722	ug/l	99
86) p-Isopropyltoluene	13.457	119	384391	49.570	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	219276	57.040	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	214423	56.734	ug/l	98
89) n-Butylbenzene	13.786	91	340176	47.665	ug/l	98
90) Hexachloroethane	14.051	117	84152	58.670	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	195816	59.600	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11257	58.839	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	107112	51.744	ug/l	97
94) Hexachlorobutadiene	15.198	225	57215	51.211	ug/l	98
95) Naphthalene	15.328	128	213441	59.574	ug/l	98
96) 1,2,3-Trichlorobenzene	15.510	180	100507	55.196	ug/l	98

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

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