

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079524.D
 Acq On : 01 Aug 2024 05:52
 Operator : RP/MD
 Sample : P3374-09MSD
 Misc : 6.88G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Aug 01 07:48:34 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 :Romaben Patel 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	136695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	261076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83636	60.226	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.460%			
35) Dibromofluoromethane	7.804	113	94199	53.308	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.620%			
50) Toluene-d8	10.269	98	350689	51.104	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.200%			
62) 4-Bromofluorobenzene	12.569	95	103746	52.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45616	42.590	ug/l	95
3) Chloromethane	2.146	50	108888	55.177	ug/l	97
4) Vinyl Chloride	2.281	62	123734	52.733	ug/l	96
5) Bromomethane	2.693	94	81310	55.173	ug/l	94
6) Chloroethane	2.834	64	79865	52.968	ug/l	99
7) Trichlorofluoromethane	3.175	101	105779	45.330	ug/l	99
8) Diethyl Ether	3.593	74	40583	57.573	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.969	101	64227	43.518	ug/l	99
10) Methyl Iodide	4.163	142	111847	60.886	ug/l	97
11) Tert butyl alcohol	5.063	59	16964	270.614	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	74546	50.472	ug/l	93
13) Acrolein	3.805	56	4366	18.090	ug/l	89
14) Allyl chloride	4.563	41	102293	52.449	ug/l	90
15) Acrylonitrile	5.252	53	85192	258.638	ug/l	96
16) Acetone	4.022	43	50734	187.987	ug/l	93
17) Carbon Disulfide	4.269	76	264436	54.240	ug/l #	95
18) Methyl Acetate	4.563	43	70658	84.325	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	176155	58.430	ug/l	95
20) Methylene Chloride	4.799	84	183971	98.792	ug/l	88
21) trans-1,2-Dichloroethene	5.316	96	95249	57.407	ug/l	91
22) Diisopropyl ether	6.216	45	273755	63.085	ug/l	95
23) Vinyl Acetate	6.157	43	638975	195.882	ug/l #	93
24) 1,1-Dichloroethane	6.116	63	175793	60.451	ug/l	95
25) 2-Butanone	7.081	43	82824	216.468	ug/l	97
26) 2,2-Dichloropropane	7.075	77	103319	43.924	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	133360	70.318	ug/l	95
28) Bromochloromethane	7.428	49	77257	60.584	ug/l #	76
29) Tetrahydrofuran	7.451	42	59142	249.420	ug/l #	84
30) Chloroform	7.593	83	187974	63.830	ug/l	99
31) Cyclohexane	7.881	56	94938	41.164	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	137172	56.448	ug/l	99
36) 1,1-Dichloropropene	8.004	75	108440	44.961	ug/l	98
37) Ethyl Acetate	7.175	43	40724	41.182	ug/l	99
38) Carbon Tetrachloride	7.993	117	116467	45.935	ug/l	99
39) Methylcyclohexane	9.275	83	106044	36.850	ug/l	97
40) Benzene	8.251	78	414033	54.047	ug/l	96

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41) Methacrylonitrile	7.399	41	23837	43.823	ug/l	87
42) 1,2-Dichloroethane	8.328	62	96374	52.794	ug/l	97
43) Isopropyl Acetate	8.357	43	79524	42.789	ug/l #	96
44) Trichloroethene	9.028	130	129724	68.026	ug/l	90
45) 1,2-Dichloropropane	9.304	63	102813	55.150	ug/l	96
46) Dibromomethane	9.393	93	55107	53.321	ug/l	95
47) Bromodichloromethane	9.581	83	139688	55.046	ug/l	98
48) Methyl methacrylate	9.381	41	39796	47.847	ug/l	85
49) 1,4-Dioxane	9.387	88	9425	880.103	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	216390	228.052	ug/l	93
52) Toluene	10.334	92	254752	53.770	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	114278	48.764	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	144434	51.238	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	71598	52.591	ug/l	95
56) Ethyl methacrylate	10.598	69	75755	46.962	ug/l	91
57) 1,3-Dichloropropane	10.875	76	121893	52.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	184075	247.437	ug/l	94
59) 2-Hexanone	10.922	43	139261	210.441	ug/l	94
60) Dibromochloromethane	11.075	129	95745	53.835	ug/l	100
61) 1,2-Dibromoethane	11.181	107	64680	50.712	ug/l	97
64) Tetrachloroethene	10.804	164	86422	51.515	ug/l	94
65) Chlorobenzene	11.604	112	287549	52.194	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	102102	56.329	ug/l	96
67) Ethyl Benzene	11.681	91	453838	50.321	ug/l	99
68) m/p-Xylenes	11.792	106	369685	103.318	ug/l	95
69) o-Xylene	12.122	106	172761	52.676	ug/l	92
70) Styrene	12.134	104	312179	54.292	ug/l	97
71) Bromoform	12.298	173	50481	49.264	ug/l #	100
73) Isopropylbenzene	12.416	105	407765	44.445	ug/l	99
74) N-amyl acetate	12.228	43	69691	38.302	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	77213	48.046	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	54177m	50.103	ug/l	
77) Bromobenzene	12.698	156	110370	53.209	ug/l	93
78) n-propylbenzene	12.763	91	503569	48.698	ug/l	97
79) 2-Chlorotoluene	12.845	91	300548	52.198	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	357750	51.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	22913	40.415	ug/l	97
82) 4-Chlorotoluene	12.945	91	315774	52.608	ug/l	99
83) tert-Butylbenzene	13.163	119	296600	44.839	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	375598	48.553	ug/l	99
85) sec-Butylbenzene	13.339	105	431350	47.062	ug/l	99
86) p-Isopropyltoluene	13.457	119	373303	43.581	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	223392	51.992	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	216722	51.304	ug/l	97
89) n-Butylbenzene	13.786	91	325766	41.381	ug/l	99
90) Hexachloroethane	14.051	117	81318	50.725	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	196109	53.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9246	43.239	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	109191	47.194	ug/l	97
94) Hexachlorobutadiene	15.204	225	54301	43.485	ug/l	96
95) Naphthalene	15.328	128	181884	45.420	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	97518	47.915	ug/l	98

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

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