

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079523.D
 Acq On : 01 Aug 2024 05:25
 Operator : RP/MD
 Sample : P3374-08MS
 Misc : 7.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Aug 01 05:48:47 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	122097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	254213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78732	63.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.940%			
35) Dibromofluoromethane	7.804	113	89670	52.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.269	98	331479	49.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.569	95	98004	50.685	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	28181	29.458	ug/l	99
3) Chloromethane	2.146	50	86759	49.219	ug/l	93
4) Vinyl Chloride	2.281	62	84270	40.208	ug/l	99
5) Bromomethane	2.693	94	87047	66.681	ug/l	95
6) Chloroethane	2.834	64	61304	45.519	ug/l	98
7) Trichlorofluoromethane	3.175	101	70251	33.705	ug/l	98
8) Diethyl Ether	3.593	74	32711	51.954	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.969	101	43274	32.826	ug/l	98
10) Methyl Iodide	4.163	142	84962	52.715	ug/l	97
11) Tert butyl alcohol	5.058	59	12376	223.836	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	52437	39.748	ug/l	95
13) Acrolein	3.793	56	4734	31.389	ug/l	97
14) Allyl chloride	4.563	41	79214	45.472	ug/l	90
15) Acrylonitrile	5.252	53	69600	236.565	ug/l	94
16) Acetone	4.022	43	40260	167.013	ug/l	90
17) Carbon Disulfide	4.269	76	196576	45.142	ug/l	100
18) Methyl Acetate	4.558	43	78597	105.015	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	136646	50.744	ug/l	99
20) Methylene Chloride	4.805	84	160610	96.613	ug/l #	84
21) trans-1,2-Dichloroethene	5.310	96	74821	50.486	ug/l	88
22) Diisopropyl ether	6.216	45	220918	56.996	ug/l #	91
23) Vinyl Acetate	6.157	43	429356m	147.359	ug/l	
24) 1,1-Dichloroethane	6.116	63	144377	55.584	ug/l	97
25) 2-Butanone	7.081	43	66142	193.536	ug/l	95
26) 2,2-Dichloropropane	7.075	77	76346	36.338	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	121066	71.468	ug/l	94
28) Bromochloromethane	7.428	49	72868	63.974	ug/l #	77
29) Tetrahydrofuran	7.440	42	44168	208.541	ug/l	86
30) Chloroform	7.593	83	158057	60.088	ug/l	97
31) Cyclohexane	7.881	56	60061	29.155	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	105113	48.427	ug/l	98
36) 1,1-Dichloropropene	8.010	75	79303	33.768	ug/l	97
37) Ethyl Acetate	7.169	43	29363	30.495	ug/l	97
38) Carbon Tetrachloride	7.987	117	84602	34.268	ug/l	99
39) Methylcyclohexane	9.275	83	64801	23.126	ug/l	92
40) Benzene	8.251	78	335743	45.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17653	33.330	ug/l	93
42) 1,2-Dichloroethane	8.328	62	82308	46.306	ug/l	98
43) Isopropyl Acetate	8.363	43	60618	33.497	ug/l #	79
44) Trichloroethene	9.028	130	136337	73.424	ug/l	95
45) 1,2-Dichloropropane	9.304	63	86436	47.617	ug/l	99
46) Dibromomethane	9.398	93	46983	46.688	ug/l	95
47) Bromodichloromethane	9.587	83	119154	48.222	ug/l	96
48) Methyl methacrylate	9.381	41	32873	40.590	ug/l	86
49) 1,4-Dioxane	9.387	88	7287	698.828	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	166892	180.635	ug/l	94
52) Toluene	10.334	92	205307	44.504	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	95895	42.025	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	121664	44.326	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	59266	44.708	ug/l	93
56) Ethyl methacrylate	10.598	69	55826	35.542	ug/l	92
57) 1,3-Dichloropropane	10.875	76	99521	44.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	146034	201.601	ug/l	92
59) 2-Hexanone	10.922	43	101334	157.262	ug/l	96
60) Dibromochloromethane	11.075	129	77729	44.885	ug/l	97
61) 1,2-Dibromoethane	11.181	107	53379	42.982	ug/l	91
64) Tetrachloroethene	10.804	164	68626	40.574	ug/l	92
65) Chlorobenzene	11.604	112	236610	42.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	84342	46.152	ug/l	97
67) Ethyl Benzene	11.681	91	358611	39.438	ug/l	98
68) m/p-Xylenes	11.792	106	293972	81.489	ug/l	95
69) o-Xylene	12.122	106	143872	43.510	ug/l	94
70) Styrene	12.134	104	259756	44.807	ug/l	98
71) Bromoform	12.298	173	41997	40.651	ug/l #	98
73) Isopropylbenzene	12.422	105	318074	33.983	ug/l	99
74) N-amyl acetate	12.234	43	47230	24.748	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	62380	37.007	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	44817m	39.515	ug/l	
77) Bromobenzene	12.698	156	92410	42.474	ug/l	94
78) n-propylbenzene	12.763	91	388909	35.857	ug/l	99
79) 2-Chlorotoluene	12.845	91	246071	40.745	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	285946	39.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	18437	31.004	ug/l	94
82) 4-Chlorotoluene	12.945	91	261501	41.536	ug/l	97
83) tert-Butylbenzene	13.163	119	225154	33.454	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	300008	37.792	ug/l	99
85) sec-Butylbenzene	13.339	105	320918	33.382	ug/l	100
86) p-Isopropyltoluene	13.457	119	275319	31.798	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	182784	40.558	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	182786	41.254	ug/l	98
89) n-Butylbenzene	13.786	91	237583	29.925	ug/l	99
90) Hexachloroethane	14.051	117	66691	39.662	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	161846	42.020	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7615	33.952	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	89785	36.998	ug/l	100
94) Hexachlorobutadiene	15.198	225	39975	30.521	ug/l	95
95) Naphthalene	15.328	128	143879	34.255	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	76726	35.942	ug/l	98

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

