

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079719.D
 Acq On : 13 Aug 2024 15:42
 Operator : RP/MD
 Sample : P3390-02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 14 07:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 07:56:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	152069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116800	66.761	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.520%			
35) Dibromofluoromethane	7.804	113	114517	59.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.460%			
50) Toluene-d8	10.269	98	472056	58.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.820%			
62) 4-Bromofluorobenzene	12.569	95	127960	57.035	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10970	7.350	ug/l	92
3) Chloromethane	2.146	50	22383	7.621	ug/l	96
4) Vinyl Chloride	2.281	62	25397	7.315	ug/l	98
5) Bromomethane	2.687	94	16338	6.913	ug/l	97
6) Chloroethane	2.834	64	16586	6.998	ug/l	98
7) Trichlorofluoromethane	3.169	101	21139	6.808	ug/l	99
8) Diethyl Ether	3.593	74	6662	6.861	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	11374	6.222	ug/l	96
10) Methyl Iodide	4.158	142	10955	5.354	ug/l	90
11) Tert butyl alcohol	5.063	59	3759	35.785	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	13102	6.855	ug/l	93
13) Acrolein	3.793	56	6588	32.373	ug/l	98
14) Allyl chloride	4.558	41	18328	6.393	ug/l #	88
15) Acrylonitrile	5.252	53	15256	34.131	ug/l	98
16) Acetone	4.028	43	11790	30.152	ug/l	98
17) Carbon Disulfide	4.275	76	47333	6.986	ug/l	100
18) Methyl Acetate	4.563	43	8436	7.072	ug/l #	82
19) Methyl tert-butyl Ether	5.310	73	25356	6.460	ug/l	98
20) Methylene Chloride	4.805	84	23197	7.570	ug/l #	88
21) trans-1,2-Dichloroethene	5.310	96	13788	6.570	ug/l #	90
22) Diisopropyl ether	6.222	45	37605	6.365	ug/l #	93
23) Vinyl Acetate	6.157	43	133776	30.892	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	26521	6.791	ug/l	96
25) 2-Butanone	7.081	43	17820	33.107	ug/l	94
26) 2,2-Dichloropropane	7.081	77	19763	6.407	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	15465	6.353	ug/l	85
28) Bromochloromethane	7.428	49	11218	6.752	ug/l #	62
29) Tetrahydrofuran	7.446	42	11082	33.868	ug/l #	80
30) Chloroform	7.593	83	25971	6.848	ug/l	98
31) Cyclohexane	7.881	56	20407	6.381	ug/l #	86
32) 1,1,1-Trichloroethane	7.787	97	20574	6.557	ug/l	93
36) 1,1-Dichloropropene	8.004	75	16245	5.466	ug/l	96
37) Ethyl Acetate	7.169	43	7796m	5.797	ug/l	
38) Carbon Tetrachloride	7.987	117	17741	5.881	ug/l	85
39) Methylcyclohexane	9.269	83	19166	5.457	ug/l #	91
40) Benzene	8.246	78	57593	5.959	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3879	5.476	ug/l #	24
42) 1,2-Dichloroethane	8.322	62	14170m	6.343	ug/l	
43) Isopropyl Acetate	8.357	43	14962	6.379	ug/l #	91
44) Trichloroethene	9.028	130	13387	6.306	ug/l	84
45) 1,2-Dichloropropane	9.304	63	14410	6.057	ug/l	96
46) Dibromomethane	9.393	93	7263	6.030	ug/l	86
47) Bromodichloromethane	9.587	83	18442	6.074	ug/l	94
48) Methyl methacrylate	9.381	41	6647	6.161	ug/l #	80
49) 1,4-Dioxane	9.375	88	1243	102.543	ug/l #	46
51) 4-Methyl-2-Pentanone	10.157	43	35895	29.747	ug/l	93
52) Toluene	10.334	92	36347	6.271	ug/l	96
53) t-1,3-Dichloropropene	10.545	75	16992	5.987	ug/l	92
54) cis-1,3-Dichloropropene	10.010	75	20040	5.753	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	9802	6.105	ug/l	93
56) Ethyl methacrylate	10.598	69	11133	5.682	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	16864	6.093	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	25869	29.546	ug/l	94
59) 2-Hexanone	10.922	43	24714	28.629	ug/l	91
60) Dibromochloromethane	11.075	129	12717	6.429	ug/l	99
61) 1,2-Dibromoethane	11.181	107	9339	6.551	ug/l	97
64) Tetrachloroethene	10.804	164	10706	6.217	ug/l	91
65) Chlorobenzene	11.604	112	36207	5.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	11504	5.702	ug/l	94
67) Ethyl Benzene	11.681	91	59037	5.437	ug/l	93
68) m/p-Xylenes	11.792	106	45582	10.795	ug/l	94
69) o-Xylene	12.116	106	20694	5.362	ug/l	93
70) Styrene	12.134	104	35785	5.286	ug/l	97
71) Bromoform	12.292	173	6525	6.291	ug/l #	91
73) Isopropylbenzene	12.416	105	52297	5.586	ug/l	98
74) N-amyl acetate	12.234	43	12838	6.155	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	11773	6.735	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	6918m	6.364	ug/l	
77) Bromobenzene	12.698	156	12761	6.095	ug/l	79
78) n-propylbenzene	12.757	91	68194	5.886	ug/l	96
79) 2-Chlorotoluene	12.845	91	37317	5.785	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	41907	5.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	3803	5.961	ug/l	97
82) 4-Chlorotoluene	12.939	91	39499	5.823	ug/l	97
83) tert-Butylbenzene	13.163	119	37092	5.661	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	41007	5.163	ug/l	98
85) sec-Butylbenzene	13.339	105	55945	5.541	ug/l	98
86) p-Isopropyltoluene	13.457	119	45073	5.314	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	25216	5.657	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	26501	6.023	ug/l	88
89) n-Butylbenzene	13.781	91	44485	5.564	ug/l	98
90) Hexachloroethane	14.045	117	10332	5.937	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	22411	5.838	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1711	7.171	ug/l	71
93) 1,2,4-Trichlorobenzene	15.098	180	12634	5.721	ug/l	97
94) Hexachlorobutadiene	15.198	225	7297	6.570	ug/l	90
95) Naphthalene	15.328	128	26034	6.164	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.516	180	11116	5.742	ug/l	97

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

