

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079511.D
 Acq On : 31 Jul 2024 23:57
 Operator : RP/MD
 Sample : VD0731SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS02

Quant Time: Aug 01 01:59:31 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	196937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	335461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	323680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	164237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	116727	58.343	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.680%			
35) Dibromofluoromethane	7.805	113	126510	55.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.440%			
50) Toluene-d8	10.269	98	496396	56.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.600%			
62) 4-Bromofluorobenzene	12.569	95	142411	55.813	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33452	21.679	ug/l	95
3) Chloromethane	2.146	50	67048	23.582	ug/l	97
4) Vinyl Chloride	2.276	62	77355	22.883	ug/l	97
5) Bromomethane	2.675	94	48217	21.073	ug/l	99
6) Chloroethane	2.828	64	46538	21.424	ug/l	99
7) Trichlorofluoromethane	3.170	101	48159	14.325	ug/l	99
8) Diethyl Ether	3.593	74	16831	16.573	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.958	101	27832	13.089	ug/l	92
10) Methyl Iodide	4.158	142	31370	13.512	ug/l #	90
11) Tert butyl alcohol	5.058	59	12070	132.306	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	30792	14.471	ug/l	86
13) Acrolein	3.799	56	12773	78.920	ug/l	90
14) Allyl chloride	4.558	41	52869	18.816	ug/l #	85
15) Acrylonitrile	5.258	53	55116	116.144	ug/l	97
16) Acetone	4.017	43	26961	69.341	ug/l	97
17) Carbon Disulfide	4.270	76	109636	15.609	ug/l	99
18) Methyl Acetate	4.564	43	25588	21.196	ug/l #	80
19) Methyl tert-butyl Ether	5.317	73	99171	22.832	ug/l	94
20) Methylene Chloride	4.793	84	87618	23.086	ug/l	88
21) trans-1,2-Dichloroethene	5.305	96	53839	22.523	ug/l	92
22) Diisopropyl ether	6.216	45	142533	22.799	ug/l	92
23) Vinyl Acetate	6.152	43	528051	112.360	ug/l	93
24) 1,1-Dichloroethane	6.105	63	96318	22.990	ug/l	99
25) 2-Butanone	7.087	43	58604	106.314	ug/l	95
26) 2,2-Dichloropropane	7.075	77	69071	20.382	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	61519	22.515	ug/l	91
28) Bromochloromethane	7.428	49	39626	21.569	ug/l #	75
29) Tetrahydrofuran	7.446	42	40247	117.813	ug/l #	82
30) Chloroform	7.599	83	99968	23.562	ug/l	96
31) Cyclohexane	7.875	56	66673	20.066	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	78982	22.560	ug/l	96
36) 1,1-Dichloropropene	8.011	75	66967	21.609	ug/l	95
37) Ethyl Acetate	7.175	43	29503	23.219	ug/l #	92
38) Carbon Tetrachloride	7.993	117	71911	22.073	ug/l	93
39) Methylcyclohexane	9.275	83	73153	19.784	ug/l	92
40) Benzene	8.252	78	217146	22.061	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13457	19.254	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	53813	22.942	ug/l	97
43) Isopropyl Acetate	8.358	43	53732	22.500	ug/l #	80
44) Trichloroethene	9.028	130	53824	21.966	ug/l	93
45) 1,2-Dichloropropane	9.305	63	54155	22.608	ug/l	99
46) Dibromomethane	9.393	93	31086	23.409	ug/l	95
47) Bromodichloromethane	9.581	83	76936	23.595	ug/l #	96
48) Methyl methacrylate	9.381	41	25100	23.486	ug/l #	81
49) 1,4-Dioxane	9.387	88	6082	442.001	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	135895	111.462	ug/l	96
52) Toluene	10.334	92	136309	22.391	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	66025	21.927	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	79051	21.825	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	41855	23.927	ug/l	94
56) Ethyl methacrylate	10.599	69	45185	21.800	ug/l	89
57) 1,3-Dichloropropane	10.875	76	68162	22.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	105433	110.299	ug/l	92
59) 2-Hexanone	10.922	43	93323	109.752	ug/l	94
60) Dibromochloromethane	11.075	129	52805	23.107	ug/l	100
61) 1,2-Dibromoethane	11.181	107	38165	23.288	ug/l	92
64) Tetrachloroethene	10.804	164	47850	21.924	ug/l	95
65) Chlorobenzene	11.604	112	153765	21.453	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.675	131	53339	22.619	ug/l	97
67) Ethyl Benzene	11.681	91	242897	20.701	ug/l	97
68) m/p-Xylenes	11.793	106	197988	42.531	ug/l	96
69) o-Xylene	12.116	106	89290	20.926	ug/l	92
70) Styrene	12.134	104	160462	21.450	ug/l	98
71) Bromoform	12.299	173	30512	22.887	ug/l #	99
73) Isopropylbenzene	12.416	105	225256	20.611	ug/l	100
74) N-amyl acetate	12.228	43	50934	21.085	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	48185	22.584	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	33530m	23.356	ug/l	
77) Bromobenzene	12.698	156	58833	21.364	ug/l	89
78) n-propylbenzene	12.757	91	283960	20.684	ug/l	97
79) 2-Chlorotoluene	12.846	91	160166	20.952	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	191058	20.884	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	16206	21.531	ug/l	96
82) 4-Chlorotoluene	12.946	91	166979	20.953	ug/l	99
83) tert-Butylbenzene	13.163	119	160266	20.401	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	194082	20.991	ug/l	99
85) sec-Butylbenzene	13.340	105	244268	20.074	ug/l	99
86) p-Isopropyltoluene	13.457	119	206328	20.412	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	120512	21.126	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	118161	21.069	ug/l	96
89) n-Butylbenzene	13.781	91	186418	19.988	ug/l	99
90) Hexachloroethane	14.045	117	43837	20.597	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	107377	22.025	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6202	21.846	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	58122	18.922	ug/l	96
94) Hexachlorobutadiene	15.198	225	32285	19.474	ug/l	93
95) Naphthalene	15.322	128	108792	20.463	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	52835	19.554	ug/l	99

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

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