

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079473.D
 Acq On : 31 Jul 2024 00:34
 Operator : RP/MD
 Sample : VD0730SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS02

Quant Time: Jul 31 02:00:49 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	220948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	379041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	357829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	123086	54.836	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.680%			
35) Dibromofluoromethane	7.804	113	134754	52.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.040%			
50) Toluene-d8	10.269	98	528848	53.082	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.569	95	152270	52.815	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33292	19.231	ug/l	99
3) Chloromethane	2.146	50	65270	20.462	ug/l	95
4) Vinyl Chloride	2.281	62	75273	19.847	ug/l	96
5) Bromomethane	2.675	94	60049	23.699	ug/l	98
6) Chloroethane	2.828	64	54157	22.222	ug/l	96
7) Trichlorofluoromethane	3.169	101	73737	19.550	ug/l	92
8) Diethyl Ether	3.593	74	21877	19.201	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	45013	18.869	ug/l	98
10) Methyl Iodide	4.158	142	56946	21.185	ug/l	99
11) Tert butyl alcohol	5.063	59	11350m	107.331	ug/l	
12) 1,1-Dichloroethene	3.934	96	46464	19.463	ug/l	97
13) Acrolein	3.799	56	19000	114.344	ug/l	94
14) Allyl chloride	4.558	41	58319	18.500	ug/l	88
15) Acrylonitrile	5.252	53	49648	93.252	ug/l	98
16) Acetone	4.022	43	33441	76.660	ug/l	98
17) Carbon Disulfide	4.263	76	153480	19.477	ug/l	98
18) Methyl Acetate	4.563	43	29226	21.579	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	94997	19.495	ug/l	95
20) Methylene Chloride	4.799	84	92437	20.349	ug/l #	87
21) trans-1,2-Dichloroethene	5.310	96	54324	20.256	ug/l	94
22) Diisopropyl ether	6.216	45	138936	19.808	ug/l #	92
23) Vinyl Acetate	6.152	43	496414	94.149	ug/l	93
24) 1,1-Dichloroethane	6.110	63	94347	20.072	ug/l	95
25) 2-Butanone	7.081	43	51909	83.935	ug/l	96
26) 2,2-Dichloropropane	7.075	77	65772	17.299	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	59756	19.493	ug/l	89
28) Bromochloromethane	7.422	49	39287	19.060	ug/l #	78
29) Tetrahydrofuran	7.446	42	36240	94.555	ug/l #	84
30) Chloroform	7.593	83	97158	20.411	ug/l	95
31) Cyclohexane	7.875	56	65138	17.473	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	76709	19.530	ug/l	98
36) 1,1-Dichloropropene	8.010	75	67079	19.156	ug/l	95
37) Ethyl Acetate	7.169	43	24618	17.147	ug/l	95
38) Carbon Tetrachloride	7.993	117	69321	18.832	ug/l	96
39) Methylcyclohexane	9.269	83	69599	16.658	ug/l	94
40) Benzene	8.251	78	215661	19.391	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17554m	22.228	ug/l	
42) 1,2-Dichloroethane	8.322	62	53480	20.179	ug/l	96
43) Isopropyl Acetate	8.357	43	50279	18.634	ug/l	94
44) Trichloroethene	9.028	130	53755	19.416	ug/l	90
45) 1,2-Dichloropropane	9.304	63	53589	19.799	ug/l	99
46) Dibromomethane	9.393	93	29636	19.751	ug/l	96
47) Bromodichloromethane	9.581	83	73677	19.998	ug/l	99
48) Methyl methacrylate	9.381	41	21212	17.566	ug/l	89
49) 1,4-Dioxane	9.375	88	5590	359.538	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	129342	93.890	ug/l	94
52) Toluene	10.334	92	135802	19.743	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	63535	18.674	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	77429	18.920	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	40498	20.489	ug/l	94
56) Ethyl methacrylate	10.598	69	42148	17.997	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	65097	19.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	96975	89.786	ug/l	91
59) 2-Hexanone	10.916	43	87267	90.830	ug/l	93
60) Dibromochloromethane	11.075	129	50766	19.661	ug/l	98
61) 1,2-Dibromoethane	11.181	107	36689	19.813	ug/l	99
64) Tetrachloroethene	10.804	164	44963	18.635	ug/l	96
65) Chlorobenzene	11.604	112	151924	19.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	51180	19.632	ug/l	98
67) Ethyl Benzene	11.681	91	236198	18.209	ug/l	99
68) m/p-Xylenes	11.792	106	194797	37.852	ug/l	95
69) o-Xylene	12.116	106	85187	18.059	ug/l	89
70) Styrene	12.134	104	157816	19.083	ug/l	97
71) Bromoform	12.292	173	30114	20.433	ug/l #	97
73) Isopropylbenzene	12.416	105	217400	18.316	ug/l	100
74) N-amyl acetate	12.228	43	48474	17.982	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	44857	18.840	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	34227m	21.365	ug/l	
77) Bromobenzene	12.698	156	59594	19.392	ug/l	94
78) n-propylbenzene	12.757	91	273948	17.881	ug/l	97
79) 2-Chlorotoluene	12.845	91	154633	18.127	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	186247	18.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	13776	16.401	ug/l	95
82) 4-Chlorotoluene	12.945	91	163458	18.381	ug/l	99
83) tert-Butylbenzene	13.163	119	156422	18.298	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	189106	18.763	ug/l	99
85) sec-Butylbenzene	13.339	105	240367	17.701	ug/l	99
86) p-Isopropyltoluene	13.457	119	199902	18.234	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	119179	18.722	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	119977	19.170	ug/l	98
89) n-Butylbenzene	13.786	91	178005	17.649	ug/l	100
90) Hexachloroethane	14.045	117	43917	18.490	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	104551	19.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6234	19.678	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	57954	16.907	ug/l	97
94) Hexachlorobutadiene	15.198	225	31893	17.239	ug/l	98
95) Naphthalene	15.328	128	106402	17.934	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	52582	17.438	ug/l	99

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

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