

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079804.D
 Acq On : 06 Sep 2024 17:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024

Quant Time: Sep 07 00:01:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99766	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	208161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81179	59.678	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.360%			
35) Dibromofluoromethane	7.804	113	70186	51.873	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.740%			
50) Toluene-d8	10.269	98	311550	53.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.569	95	89231	54.956	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	57510	48.007	ug/l	98
3) Chloromethane	2.146	50	144706	57.985	ug/l	94
4) Vinyl Chloride	2.281	62	166677	55.439	ug/l	98
5) Bromomethane	2.687	94	106580	51.209	ug/l	98
6) Chloroethane	2.828	64	118285	58.032	ug/l	95
7) Trichlorofluoromethane	3.169	101	112515	49.577	ug/l	99
8) Diethyl Ether	3.593	74	39864	55.364	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.963	101	60110	47.304	ug/l	90
10) Methyl Iodide	4.163	142	67030	45.780	ug/l #	87
11) Tert butyl alcohol	5.063	59	21691	323.339	ug/l #	87
12) 1,1-Dichloroethene	3.934	96	67054	50.259	ug/l	85
13) Acrolein	3.793	56	22199	169.737	ug/l	98
14) Allyl chloride	4.563	41	112709	57.342	ug/l #	84
15) Acrylonitrile	5.252	53	95453	293.990	ug/l	98
16) Acetone	4.022	43	83826	296.954	ug/l	89
17) Carbon Disulfide	4.269	76	233328	47.828	ug/l	100
18) Methyl Acetate	4.563	43	45083	55.715	ug/l #	81
19) Methyl tert-butyl Ether	5.322	73	169055	57.900	ug/l	98
20) Methylene Chloride	4.799	84	95009	56.208	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	78202	52.813	ug/l #	77
22) Diisopropyl ether	6.216	45	252553	61.054	ug/l #	92
23) Vinyl Acetate	6.152	43	740173	304.795	ug/l #	87
24) 1,1-Dichloroethane	6.105	63	149102	55.121	ug/l	95
25) 2-Butanone	7.081	43	115527	306.767	ug/l	95
26) 2,2-Dichloropropane	7.075	77	109037	51.810	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	90476	53.275	ug/l	83
28) Bromochloromethane	7.428	49	70080	58.289	ug/l #	58
29) Tetrahydrofuran	7.446	42	74913	321.605	ug/l #	76
30) Chloroform	7.593	83	145993	54.367	ug/l	95
31) Cyclohexane	7.875	56	107951	47.470	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	117602	52.579	ug/l	96
36) 1,1-Dichloropropene	8.004	75	100795	50.260	ug/l	93
37) Ethyl Acetate	7.169	43	51827	58.481	ug/l #	94
38) Carbon Tetrachloride	7.993	117	104884	49.039	ug/l	99
39) Methylcyclohexane	9.275	83	109052	44.653	ug/l	89
40) Benzene	8.251	78	333533	49.869	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28755	56.701	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	85974	52.413	ug/l	92
43) Isopropyl Acetate	8.357	43	96603	58.429	ug/l #	88
44) Trichloroethene	9.028	130	67021	46.954	ug/l	87
45) 1,2-Dichloropropane	9.304	63	82606	51.164	ug/l	93
46) Dibromomethane	9.393	93	42672	49.963	ug/l #	85
47) Bromodichloromethane	9.581	83	107390	50.349	ug/l	97
48) Methyl methacrylate	9.381	41	45391	56.880	ug/l #	81
49) 1,4-Dioxane	9.387	88	10267	1196.533	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	256534	297.044	ug/l	92
52) Toluene	10.334	92	204303	50.507	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	107235	53.331	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	125258	52.297	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	57753	51.689	ug/l	95
56) Ethyl methacrylate	10.598	69	81001	57.858	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	105043	52.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	181390	287.824	ug/l #	86
59) 2-Hexanone	10.916	43	179144	267.012	ug/l	94
60) Dibromochloromethane	11.075	129	71104	51.737	ug/l	99
61) 1,2-Dibromoethane	11.175	107	50456	51.528	ug/l	98
64) Tetrachloroethene	10.810	164	52473	44.540	ug/l	91
65) Chlorobenzene	11.604	112	213742	48.031	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	69164	47.314	ug/l	98
67) Ethyl Benzene	11.681	91	391217	49.870	ug/l	99
68) m/p-Xylenes	11.792	106	296657	98.511	ug/l	87
69) o-Xylene	12.116	106	140045	49.897	ug/l	86
70) Styrene	12.134	104	252205	51.481	ug/l	94
71) Bromoform	12.298	173	35006	47.751	ug/l #	99
73) Isopropylbenzene	12.416	105	351227	51.477	ug/l	97
74) N-amyl acetate	12.228	43	100358	61.887	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	66956	51.123	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	43366m	52.926	ug/l	
77) Bromobenzene	12.698	156	79052	52.059	ug/l	77
78) n-propylbenzene	12.763	91	444902	52.769	ug/l	94
79) 2-Chlorotoluene	12.845	91	244665	52.091	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	299423	52.787	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	25936	52.795	ug/l	94
82) 4-Chlorotoluene	12.945	91	255449	52.217	ug/l	95
83) tert-Butylbenzene	13.163	119	246330	52.258	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	310536	53.070	ug/l	96
85) sec-Butylbenzene	13.339	105	371837	51.596	ug/l	97
86) p-Isopropyltoluene	13.457	119	315266	46.054	ug/l	95
87) 1,3-Dichlorobenzene	13.451	146	157678	48.368	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	156998	48.167	ug/l	94
89) n-Butylbenzene	13.781	91	299807	51.927	ug/l	97
90) Hexachloroethane	14.051	117	60042	49.271	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	139935	50.125	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9812	51.313	ug/l	79
93) 1,2,4-Trichlorobenzene	15.092	180	78003	50.871	ug/l	98
94) Hexachlorobutadiene	15.198	225	35562	48.229	ug/l	95
95) Naphthalene	15.328	128	184271	59.221	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	70504	52.622	ug/l	98

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

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