

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079750.D
 Acq On : 30 Aug 2024 11:59
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 30 14:30:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 13:02:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141438	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	268190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95731	49.641	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.280%		
35) Dibromofluoromethane	7.804	113	90186	51.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.480%		
50) Toluene-d8	10.269	98	405205	54.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	108.400%		
62) 4-Bromofluorobenzene	12.569	95	111490	53.296	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	106.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	77369	45.556	ug/l	100
3) Chloromethane	2.146	50	163386	46.181	ug/l	96
4) Vinyl Chloride	2.281	62	203206	47.675	ug/l	96
5) Bromomethane	2.687	94	133164	45.131	ug/l	99
6) Chloroethane	2.834	64	137028	47.420	ug/l	98
7) Trichlorofluoromethane	3.169	101	151815	47.185	ug/l	97
8) Diethyl Ether	3.593	74	47700	46.729	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.969	101	84932	47.145	ug/l	90
10) Methyl Iodide	4.163	142	108702	52.368	ug/l	91
11) Tert butyl alcohol	5.052	59	23409	242.802	ug/l	# 89
12) 1,1-Dichloroethene	3.940	96	92161	48.725	ug/l	87
13) Acrolein	3.799	56	41208	222.249	ug/l	93
14) Allyl chloride	4.563	41	138202	49.596	ug/l	# 85
15) Acrylonitrile	5.257	53	111750	242.777	ug/l	97
16) Acetone	4.016	43	102752	256.754	ug/l	90
17) Carbon Disulfide	4.269	76	333936	48.283	ug/l	100
18) Methyl Acetate	4.569	43	53964	47.042	ug/l	# 86
19) Methyl tert-butyl Ether	5.322	73	207843	50.211	ug/l	99
20) Methylene Chloride	4.799	84	117554	48.710	ug/l	# 82
21) trans-1,2-Dichloroethene	5.316	96	102103	48.638	ug/l	# 82
22) Diisopropyl ether	6.216	45	301849	51.471	ug/l	# 93
23) Vinyl Acetate	6.157	43	839889	250.000	ug/l	# 89
24) 1,1-Dichloroethane	6.116	63	183772	47.921	ug/l	96
25) 2-Butanone	7.081	43	131576	246.444	ug/l	95
26) 2,2-Dichloropropane	7.081	77	146481	49.095	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	117579	48.835	ug/l	85
28) Bromochloromethane	7.422	49	80198	47.052	ug/l	# 64
29) Tetrahydrofuran	7.440	42	83073	251.560	ug/l	# 80
30) Chloroform	7.593	83	184146	48.371	ug/l	97
31) Cyclohexane	7.875	56	159566	49.494	ug/l	84
32) 1,1,1-Trichloroethane	7.787	97	156329	49.301	ug/l	98
36) 1,1-Dichloropropene	8.004	75	135886	52.592	ug/l	94
37) Ethyl Acetate	7.169	43	57976	50.777	ug/l	# 94
38) Carbon Tetrachloride	7.987	117	139001	50.444	ug/l	98
39) Methylcyclohexane	9.275	83	166272	52.844	ug/l	90
40) Benzene	8.251	78	440202	51.086	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	35709	54.653	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	106929	50.597	ug/l	92
43) Isopropyl Acetate	8.357	43	107948	50.677	ug/l #	93
44) Trichloroethene	9.028	130	90002	48.941	ug/l	86
45) 1,2-Dichloropropane	9.304	63	105790	50.857	ug/l	94
46) Dibromomethane	9.393	93	53907	48.990	ug/l	88
47) Bromodichloromethane	9.581	83	135815	49.423	ug/l	99
48) Methyl methacrylate	9.381	41	51784	50.366	ug/l #	82
49) 1,4-Dioxane	9.387	88	11526	1042.597	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	287892	258.739	ug/l	93
52) Toluene	10.334	92	274936	52.755	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	131184	50.638	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	159700	51.752	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	71471	49.649	ug/l	93
56) Ethyl methacrylate	10.598	69	92030	51.022	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	129803	50.020	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	199117	250.168	ug/l	89
59) 2-Hexanone	10.922	43	206668	241.204	ug/l	92
60) Dibromochloromethane	11.069	129	88555	50.012	ug/l	98
61) 1,2-Dibromoethane	11.181	107	63130	50.041	ug/l	94
64) Tetrachloroethene	10.804	164	73525	50.659	ug/l	87
65) Chlorobenzene	11.604	112	282032	51.444	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	91295	50.695	ug/l	97
67) Ethyl Benzene	11.681	91	513088	53.091	ug/l	96
68) m/p-Xylenes	11.792	106	399960	107.809	ug/l	91
69) o-Xylene	12.116	106	183482	53.065	ug/l	89
70) Styrene	12.134	104	327677	54.294	ug/l	96
71) Bromoform	12.298	173	45369	50.236	ug/l #	98
73) Isopropylbenzene	12.416	105	465666	51.882	ug/l	99
74) N-amyl acetate	12.234	43	106365	49.860	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	83801	48.639	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	63612m	56.589	ug/l	
77) Bromobenzene	12.698	156	101455	50.788	ug/l	79
78) n-propylbenzene	12.757	91	587097	52.934	ug/l	95
79) 2-Chlorotoluene	12.845	91	320494	51.871	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	392822	52.644	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	31847	49.280	ug/l	96
82) 4-Chlorotoluene	12.945	91	336163	52.236	ug/l	95
83) tert-Butylbenzene	13.163	119	327617	52.834	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	410440	53.321	ug/l	97
85) sec-Butylbenzene	13.339	105	505872	53.360	ug/l	98
86) p-Isopropyltoluene	13.457	119	430021	47.614	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	212759	49.612	ug/l	95
88) 1,4-Dichlorobenzene	13.533	146	210076	48.994	ug/l	97
89) n-Butylbenzene	13.781	91	401498	52.862	ug/l	97
90) Hexachloroethane	14.051	117	80613	50.287	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	184801	50.321	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12493	49.664	ug/l	68
93) 1,2,4-Trichlorobenzene	15.092	180	100734	49.940	ug/l	95
94) Hexachlorobutadiene	15.198	225	48332	49.828	ug/l	94
95) Naphthalene	15.327	128	219758	53.688	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	90362	51.268	ug/l	98

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

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