

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075802.D
 Acq On : 24 Apr 2023 19:17
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 06:11:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	211724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	349222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	325734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	162994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93547	46.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.100%		
35) Dibromofluoromethane	7.810	113	118576	50.482	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.960%		
50) Toluene-d8	10.269	98	459925	48.896	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.575	95	126272	50.506	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	88279	44.874	ug/l	99
3) Chloromethane	2.152	50	141828	39.926	ug/l	98
4) Vinyl Chloride	2.287	62	183022	38.827	ug/l	97
5) Bromomethane	2.693	94	140504	38.176	ug/l	97
6) Chloroethane	2.840	64	128787	40.579	ug/l	96
7) Trichlorofluoromethane	3.175	101	168509	46.137	ug/l	97
8) Diethyl Ether	3.593	74	53108	46.719	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.969	101	114609	50.040	ug/l	94
10) Methyl Iodide	4.163	142	151861	48.448	ug/l #	89
11) Tert butyl alcohol	5.057	59	23467	232.671	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	113816	47.994	ug/l	85
13) Acrolein	3.799	56	30331	149.089	ug/l	100
14) Allyl chloride	4.563	41	103490	47.918	ug/l #	79
15) Acrylonitrile	5.251	53	110051	259.201	ug/l	96
16) Acetone	4.022	43	90169	244.910	ug/l #	74
17) Carbon Disulfide	4.269	76	315263	40.625	ug/l	97
18) Methyl Acetate	4.563	43	65174	52.494	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	228186	49.581	ug/l	97
20) Methylene Chloride	4.804	84	161064	57.222	ug/l #	77
21) trans-1,2-Dichloroethene	5.316	96	133682	47.332	ug/l #	72
22) Diisopropyl ether	6.216	45	259447	53.163	ug/l #	90
23) Vinyl Acetate	6.157	43	604679	266.756	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	200148	49.494	ug/l	95
25) 2-Butanone	7.081	43	115394	243.427	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	164638	44.907	ug/l	88
27) cis-1,2-Dichloroethene	7.081	96	150584	48.131	ug/l	80
28) Bromochloromethane	7.428	49	63643	49.787	ug/l #	47
29) Tetrahydrofuran	7.445	42	69008	266.201	ug/l #	63
30) Chloroform	7.598	83	222512	48.537	ug/l	93
31) Cyclohexane	7.875	56	140971	44.701	ug/l #	82
32) 1,1,1-Trichloroethane	7.792	97	180679	48.334	ug/l	95
36) 1,1-Dichloropropene	8.010	75	157002	48.451	ug/l	92
37) Ethyl Acetate	7.169	43	49953	50.655	ug/l #	74
38) Carbon Tetrachloride	7.992	117	145290	50.915	ug/l	98
39) Methylcyclohexane	9.275	83	187000	49.906	ug/l #	86
40) Benzene	8.251	78	499467	49.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	25542	53.973	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	115453	50.458	ug/l	88
43) Isopropyl Acetate	8.363	43	93762	52.141	ug/l #	81
44) Trichloroethene	9.028	130	143844	50.455	ug/l	94
45) 1,2-Dichloropropane	9.304	63	117915	52.234	ug/l	94
46) Dibromomethane	9.392	93	70667	49.344	ug/l	92
47) Bromodichloromethane	9.586	83	166413	50.799	ug/l	96
48) Methyl methacrylate	9.381	41	41426	51.707	ug/l #	58
49) 1,4-Dioxane	9.386	88	14474	1018.676	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	248638	259.326	ug/l #	77
52) Toluene	10.333	92	329077	49.127	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	150680	47.983	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	190837	51.147	ug/l #	73
55) 1,1,2-Trichloroethane	10.733	97	101931	49.157	ug/l	95
56) Ethyl methacrylate	10.598	69	103551	50.744	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	156036	49.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	232644	265.457	ug/l #	86
59) 2-Hexanone	10.922	43	176503	261.819	ug/l	75
60) Dibromochloromethane	11.075	129	117488	48.421	ug/l	99
61) 1,2-Dibromoethane	11.181	107	93503	47.270	ug/l	97
64) Tetrachloroethene	10.810	164	118660	50.582	ug/l	97
65) Chlorobenzene	11.610	112	361683	51.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	122757	51.181	ug/l	95
67) Ethyl Benzene	11.686	91	593249	52.394	ug/l	96
68) m/p-Xylenes	11.792	106	494922	106.655	ug/l	89
69) o-Xylene	12.122	106	228161	54.376	ug/l	89
70) Styrene	12.139	104	397421	51.557	ug/l	93
71) Bromoform	12.298	173	69030	55.056	ug/l #	98
73) Isopropylbenzene	12.422	105	573177	53.581	ug/l	97
74) N-amyl acetate	12.233	43	85910	54.653	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	107897	51.923	ug/l	96
76) 1,2,3-Trichloropropane	12.727	75	58677m	44.145	ug/l	
77) Bromobenzene	12.704	156	146911	53.271	ug/l	87
78) n-propylbenzene	12.763	91	689416	52.577	ug/l	96
79) 2-Chlorotoluene	12.851	91	374732	50.387	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	473182	53.060	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	33196	54.130	ug/l #	69
82) 4-Chlorotoluene	12.951	91	394464	51.009	ug/l	92
83) tert-Butylbenzene	13.169	119	404986	53.859	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	473772	52.945	ug/l	94
85) sec-Butylbenzene	13.345	105	619164	53.376	ug/l	97
86) p-Isopropyltoluene	13.463	119	518569	53.698	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	293216	51.107	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	285186	50.315	ug/l	96
89) n-Butylbenzene	13.786	91	465547	52.335	ug/l	99
90) Hexachloroethane	14.057	117	95224	49.629	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	253881	51.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13238	47.521	ug/l	66
93) 1,2,4-Trichlorobenzene	15.098	180	141827	49.603	ug/l	98
94) Hexachlorobutadiene	15.204	225	68840	50.373	ug/l	97
95) Naphthalene	15.333	128	280850	51.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	127883	50.815	ug/l	97

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

