

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076587.D
 Acq On : 26 Jun 2023 18:28
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 04:29:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	201180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58022	48.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.420%		
35) Dibromofluoromethane	7.804	113	61494	51.453	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.900%		
50) Toluene-d8	10.269	98	218416	48.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.575	95	75576	51.377	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39118	42.855	ug/l	97
3) Chloromethane	2.146	50	81494	42.927	ug/l	98
4) Vinyl Chloride	2.275	62	92058	43.471	ug/l	99
5) Bromomethane	2.681	94	53880	39.130	ug/l	96
6) Chloroethane	2.822	64	68500	47.194	ug/l	93
7) Trichlorofluoromethane	3.164	101	87233	50.054	ug/l	99
8) Diethyl Ether	3.587	74	30451	46.427	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.952	101	51182	45.602	ug/l	94
10) Methyl Iodide	4.152	142	60573	45.522	ug/l #	89
11) Tert butyl alcohol	5.063	59	22230	213.920	ug/l	95
12) 1,1-Dichloroethene	3.934	96	49500	45.032	ug/l #	78
13) Acrolein	3.799	56	29222	261.074	ug/l	96
14) Allyl chloride	4.558	41	85159	42.362	ug/l #	87
15) Acrylonitrile	5.252	53	80618	239.034	ug/l	97
16) Acetone	4.016	43	62291	217.492	ug/l #	82
17) Carbon Disulfide	4.263	76	123387	41.083	ug/l	95
18) Methyl Acetate	4.563	43	60672	45.967	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	144897	48.191	ug/l	98
20) Methylene Chloride	4.793	84	65528	39.129	ug/l #	80
21) trans-1,2-Dichloroethene	5.305	96	59505	46.836	ug/l	87
22) Diisopropyl ether	6.216	45	199851	45.977	ug/l #	89
23) Vinyl Acetate	6.152	43	431899	200.455	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	111146	45.790	ug/l	99
25) 2-Butanone	7.087	43	99905	225.528	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	94415	45.116	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	73295	47.668	ug/l	88
28) Bromochloromethane	7.422	49	30052	42.676	ug/l #	73
29) Tetrahydrofuran	7.446	42	65697	230.772	ug/l #	80
30) Chloroform	7.593	83	119397	49.678	ug/l	99
31) Cyclohexane	7.881	56	81273	43.419	ug/l	82
32) 1,1,1-Trichloroethane	7.793	97	99178	51.049	ug/l	98
36) 1,1-Dichloropropene	8.004	75	82250	49.144	ug/l	97
37) Ethyl Acetate	7.163	43	45750	47.173	ug/l	95
38) Carbon Tetrachloride	7.987	117	80162	53.588	ug/l	90
39) Methylcyclohexane	9.275	83	89858	45.751	ug/l	94
40) Benzene	8.246	78	249461	48.877	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	29442	53.761	ug/l #	74
42) 1,2-Dichloroethane	8.322	62	73996	53.656	ug/l	94
43) Isopropyl Acetate	8.363	43	87978	47.917	ug/l #	85
44) Trichloroethene	9.028	130	67385	48.943	ug/l	95
45) 1,2-Dichloropropane	9.304	63	69171	49.985	ug/l	98
46) Dibromomethane	9.393	93	40302	54.366	ug/l	91
47) Bromodichloromethane	9.587	83	92775	52.297	ug/l	96
48) Methyl methacrylate	9.381	41	39134	46.503	ug/l #	74
49) 1,4-Dioxane	9.381	88	9851	1109.097	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	243551	259.496	ug/l #	85
52) Toluene	10.334	92	160119	49.994	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	90483	50.265	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	104362	48.899	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	53380	51.478	ug/l	91
56) Ethyl methacrylate	10.598	69	67286	49.696	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	90007	50.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	128719	224.242	ug/l	93
59) 2-Hexanone	10.922	43	164442	251.879	ug/l	83
60) Dibromochloromethane	11.075	129	65989	54.682	ug/l	93
61) 1,2-Dibromoethane	11.181	107	52000	53.420	ug/l	99
64) Tetrachloroethene	10.810	164	58349	51.842	ug/l	98
65) Chlorobenzene	11.610	112	177002	49.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	68951	54.124	ug/l	96
67) Ethyl Benzene	11.687	91	315748	50.024	ug/l	96
68) m/p-Xylenes	11.792	106	246792	100.162	ug/l	92
69) o-Xylene	12.122	106	117682	50.175	ug/l	90
70) Styrene	12.140	104	206813	51.045	ug/l	95
71) Bromoform	12.298	173	43095	56.340	ug/l #	99
73) Isopropylbenzene	12.422	105	310762	47.358	ug/l	97
74) N-amyl acetate	12.234	43	87602	45.601	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	65910	48.675	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	47539m	49.146	ug/l	
77) Bromobenzene	12.698	156	77254	47.720	ug/l	88
78) n-propylbenzene	12.763	91	379199	46.801	ug/l	97
79) 2-Chlorotoluene	12.851	91	209515	47.090	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	254580	47.506	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	18928	42.877	ug/l #	83
82) 4-Chlorotoluene	12.945	91	222802	48.218	ug/l	94
83) tert-Butylbenzene	13.169	119	228402	47.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	257936	47.763	ug/l	99
85) sec-Butylbenzene	13.345	105	338736	47.938	ug/l	98
86) p-Isopropyltoluene	13.463	119	285474	48.350	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	153652	48.318	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	153451	48.384	ug/l	98
89) n-Butylbenzene	13.787	91	274728	47.705	ug/l	98
90) Hexachloroethane	14.051	117	52227	47.933	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	134020	48.229	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9199	45.134	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	85432	46.131	ug/l	99
94) Hexachlorobutadiene	15.204	225	42987	47.744	ug/l	97
95) Naphthalene	15.333	128	177218	47.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	77702	48.158	ug/l	98

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

