

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078908.D
 Acq On : 13 May 2024 11:45
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

Quant Time: May 14 06:08:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	224393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62176	45.492	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.980%		
35) Dibromofluoromethane	7.804	113	72772	47.265	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.269	98	286448	49.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.574	95	79574	49.074	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57923	42.543	ug/l	100
3) Chloromethane	2.151	50	85311	46.449	ug/l	100
4) Vinyl Chloride	2.287	62	130295	44.839	ug/l	100
5) Bromomethane	2.693	94	117845	42.221	ug/l	100
6) Chloroethane	2.834	64	111167	42.654	ug/l	100
7) Trichlorofluoromethane	3.175	101	128167	44.914	ug/l	100
8) Diethyl Ether	3.593	74	28655	44.390	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.975	101	65458	43.439	ug/l	100
10) Methyl Iodide	4.169	142	83376	46.312	ug/l	100
11) Tert butyl alcohol	5.057	59	13288	224.003	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	62973	42.692	ug/l	100
13) Acrolein	3.793	56	34793	255.725	ug/l	100
14) Allyl chloride	4.557	41	64258	44.645	ug/l	100
15) Acrylonitrile	5.251	53	57553	217.848	ug/l	100
16) Acetone	4.028	43	55178	253.200	ug/l	100
17) Carbon Disulfide	4.269	76	194469	45.125	ug/l	100
18) Methyl Acetate	4.563	43	21460	42.769	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	132854	46.225	ug/l	100
20) Methylene Chloride	4.804	84	81234	46.440	ug/l	100
21) trans-1,2-Dichloroethene	5.322	96	72086	43.846	ug/l	100
22) Diisopropyl ether	6.222	45	154437	47.440	ug/l	100
23) Vinyl Acetate	6.157	43	457875	234.500	ug/l	100
24) 1,1-Dichloroethane	6.116	63	113358	43.926	ug/l	100
25) 2-Butanone	7.087	43	69297	237.755	ug/l	100
26) 2,2-Dichloropropane	7.081	77	97362	42.931	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	85996	44.545	ug/l	100
28) Bromochloromethane	7.428	49	40291	46.815	ug/l	100
29) Tetrahydrofuran	7.445	42	38038	225.634	ug/l	100
30) Chloroform	7.592	83	126873	43.406	ug/l	100
31) Cyclohexane	7.881	56	84698	42.417	ug/l	100
32) 1,1,1-Trichloroethane	7.792	97	108715	43.431	ug/l	100
36) 1,1-Dichloropropene	8.010	75	86615	45.207	ug/l	100
37) Ethyl Acetate	7.175	43	28999	44.412	ug/l	100
38) Carbon Tetrachloride	7.992	117	100464	44.806	ug/l	100
39) Methylcyclohexane	9.275	83	106833	45.891	ug/l	100
40) Benzene	8.257	78	281188	45.375	ug/l	100

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41) Methacrylonitrile	7.404	41	14739	41.950	ug/l	100
42) 1,2-Dichloroethane	8.328	62	66483	44.323	ug/l	100
43) Isopropyl Acetate	8.363	43	55261	47.697	ug/l	100
44) Trichloroethene	9.028	130	71958	43.778	ug/l	100
45) 1,2-Dichloropropane	9.304	63	61737	45.335	ug/l	100
46) Dibromomethane	9.392	93	39141	43.661	ug/l	100
47) Bromodichloromethane	9.586	83	97262	45.071	ug/l	100
48) Methyl methacrylate	9.381	41	24945	44.228	ug/l	100
49) 1,4-Dioxane	9.392	88	8072	1023.619	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	146651	237.644	ug/l	100
52) Toluene	10.333	92	181703	45.806	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	84496	46.079	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	103259	46.915	ug/l	100
55) 1,1,2-Trichloroethane	10.733	97	52081	44.967	ug/l	100
56) Ethyl methacrylate	10.598	69	58985	49.500	ug/l	100
57) 1,3-Dichloropropane	10.880	76	82966	46.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	132362	258.519	ug/l	100
59) 2-Hexanone	10.922	43	111632	259.892	ug/l	100
60) Dibromochloromethane	11.075	129	72980	46.223	ug/l	100
61) 1,2-Dibromoethane	11.180	107	49679	47.043	ug/l	100
64) Tetrachloroethene	10.810	164	61507	43.204	ug/l	100
65) Chlorobenzene	11.604	112	206018	44.139	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	70012	43.389	ug/l	100
67) Ethyl Benzene	11.680	91	339716	45.250	ug/l	100
68) m/p-Xylenes	11.792	106	283554	92.900	ug/l	100
69) o-Xylene	12.122	106	132321	47.553	ug/l	100
70) Styrene	12.133	104	233222	47.291	ug/l	100
71) Bromoform	12.298	173	40230	43.524	ug/l #	100
73) Isopropylbenzene	12.422	105	324606	45.409	ug/l	100
74) N-amyl acetate	12.233	43	53192	45.859	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	56153	43.549	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	44315m	52.173	ug/l	
77) Bromobenzene	12.698	156	81904	43.571	ug/l	100
78) n-propylbenzene	12.763	91	394369	45.644	ug/l	100
79) 2-Chlorotoluene	12.851	91	214242	44.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	272859	45.943	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19114	44.953	ug/l	100
82) 4-Chlorotoluene	12.945	91	229111	45.476	ug/l	100
83) tert-Butylbenzene	13.163	119	243871	46.430	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	278421	45.258	ug/l	100
85) sec-Butylbenzene	13.345	105	356566	45.509	ug/l	100
86) p-Isopropyltoluene	13.457	119	307559	45.055	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	172982	43.486	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	170314	43.719	ug/l	100
89) n-Butylbenzene	13.786	91	273496	44.712	ug/l	100
90) Hexachloroethane	14.051	117	61848	42.953	ug/l	100
91) 1,2-Dichlorobenzene	13.827	146	148759	44.695	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8011	46.667	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	86477	44.251	ug/l	100
94) Hexachlorobutadiene	15.204	225	42614	41.726	ug/l	100
95) Naphthalene	15.333	128	152867	45.922	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	74097	42.624	ug/l	100

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

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