

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074000.D
 Acq On : 09 Aug 2022 20:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 01:08:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	150072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	244733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	121150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	54051	40.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.240%		
35) Dibromofluoromethane	7.908	113	65897	44.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.160%		
50) Toluene-d8	10.326	98	170088	38.514	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.020%		
62) 4-Bromofluorobenzene	12.620	95	89201	46.997	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	52790	46.150	ug/l	94
3) Chloromethane	2.209	50	75116	47.836	ug/l	95
4) Vinyl Chloride	2.344	62	113536	44.669	ug/l	99
5) Bromomethane	2.762	94	66177	49.168	ug/l	89
6) Chloroethane	2.915	64	78809	43.583	ug/l	98
7) Trichlorofluoromethane	3.262	101	185823	64.601	ug/l	99
8) Diethyl Ether	3.709	74	30569	49.060	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.079	101	69590	45.318	ug/l	99
10) Methyl Iodide	4.285	142	62244	45.980	ug/l	99
11) Tert butyl alcohol	5.232	59	24085	220.003	ug/l #	89
12) 1,1-Dichloroethene	4.056	96	57772	45.267	ug/l	95
13) Acrolein	3.920	56	20464	234.129	ug/l	89
14) Allyl chloride	4.703	41	78524	45.332	ug/l	98
15) Acrylonitrile	5.420	53	75246	257.460	ug/l	97
16) Acetone	4.162	43	54919	197.943	ug/l	91
17) Carbon Disulfide	4.403	76	126976	46.497	ug/l	99
18) Methyl Acetate	4.720	43	34012	51.730	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	168899	51.478	ug/l	99
20) Methylene Chloride	4.956	84	94860	56.168	ug/l	99
21) trans-1,2-Dichloroethene	5.461	96	66956	44.740	ug/l	92
22) Diisopropyl ether	6.361	45	197241	51.051	ug/l	97
23) Vinyl Acetate	6.297	43	557312	52.758	ug/l	98
24) 1,1-Dichloroethane	6.256	63	125712	47.169	ug/l	98
25) 2-Butanone	7.208	43	93205	221.567	ug/l	94
26) 2,2-Dichloropropane	7.203	77	114302	41.637	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	82565	47.165	ug/l	96
28) Bromochloromethane	7.538	49	41779	49.239	ug/l	97
29) Tetrahydrofuran	7.561	42	61061	264.298	ug/l	99
30) Chloroform	7.703	83	147849	47.844	ug/l	97
31) Cyclohexane	7.979	56	89145	48.508	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	135979	46.385	ug/l	98
36) 1,1-Dichloropropene	8.103	75	95568	45.415	ug/l	99
37) Ethyl Acetate	7.291	43	45407	48.853	ug/l	98
38) Carbon Tetrachloride	8.091	117	116914	47.193	ug/l	97
39) Methylcyclohexane	9.350	83	102666	45.782	ug/l	92
40) Benzene	8.338	78	273413	46.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	25296	53.235	ug/l	93
42) 1,2-Dichloroethane	8.414	62	89146	46.940	ug/l	100
43) Isopropyl Acetate	8.444	43	89092	51.500	ug/l	98
44) Trichloroethene	9.102	130	79231	45.590	ug/l	98
45) 1,2-Dichloropropane	9.379	63	70303	48.463	ug/l	98
46) Dibromomethane	9.467	93	46232	48.171	ug/l	99
47) Bromodichloromethane	9.649	83	118329	49.124	ug/l	97
48) Methyl methacrylate	9.450	41	40889	52.758	ug/l	94
49) 1,4-Dioxane	9.461	88	11127	1024.351	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	232346	260.194	ug/l	99
52) Toluene	10.397	92	185531	47.496	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	104539	49.761	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	119359	49.786	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	64437	51.106	ug/l	96
56) Ethyl methacrylate	10.649	69	72606	53.043	ug/l	98
57) 1,3-Dichloropropane	10.932	76	99565	49.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	129260	270.602	ug/l	98
59) 2-Hexanone	10.973	43	160497	265.122	ug/l	99
60) Dibromochloromethane	11.126	129	84147	50.138	ug/l	99
61) 1,2-Dibromoethane	11.238	107	61474	50.022	ug/l	97
64) Tetrachloroethene	10.867	164	65062	44.248	ug/l	98
65) Chlorobenzene	11.655	112	209894	47.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	85174	49.333	ug/l	97
67) Ethyl Benzene	11.732	91	373557	48.868	ug/l	96
68) m/p-Xylenes	11.843	106	301572	98.241	ug/l	99
69) o-Xylene	12.167	106	143936	51.009	ug/l	99
70) Styrene	12.179	104	253580	51.358	ug/l	99
71) Bromoform	12.349	173	51166	49.687	ug/l #	97
73) Isopropylbenzene	12.467	105	384316	48.962	ug/l	99
74) N-amyl acetate	12.273	43	84595	50.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	75534	49.481	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	48222m	52.515	ug/l	
77) Bromobenzene	12.749	156	92990	48.452	ug/l	98
78) n-propylbenzene	12.808	91	466959	48.407	ug/l	100
79) 2-Chlorotoluene	12.890	91	262844	47.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	330479	49.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	21975	51.435	ug/l	96
82) 4-Chlorotoluene	12.990	91	283324	48.672	ug/l	100
83) tert-Butylbenzene	13.208	119	286650	49.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	333874	49.576	ug/l	99
85) sec-Butylbenzene	13.385	105	440224	49.785	ug/l	100
86) p-Isopropyltoluene	13.502	119	378030	50.670	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	194952	48.415	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	194299	47.705	ug/l	98
89) n-Butylbenzene	13.826	91	345601	49.403	ug/l	99
90) Hexachloroethane	14.096	117	72216	48.096	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	174011	50.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12844	47.128	ug/l	98
93) 1,2,4-Trichlorobenzene	15.137	180	103919	49.679	ug/l	99
94) Hexachlorobutadiene	15.243	225	55750	47.118	ug/l	98
95) Naphthalene	15.379	128	204472	51.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	92928	49.263	ug/l	97

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

