

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090922\
 Data File : VD074246.D
 Acq On : 09 Sep 2022 17:24
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 10 02:47:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 02:44:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	124342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	204640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	186597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	87344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	123497	96.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 193.440%#			
35) Dibromofluoromethane	7.799	113	130163	95.396	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 190.800%#			
50) Toluene-d8	10.263	98	514284	113.102	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 226.200%#			
62) 4-Bromofluorobenzene	12.557	95	160192	93.533	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 187.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	93705	91.463	ug/l	93
3) Chloromethane	2.140	50	83005	111.027	ug/l	97
4) Vinyl Chloride	2.275	62	74992	98.609	ug/l	100
5) Bromomethane	2.658	94	40903	85.719	ug/l	96
6) Chloroethane	2.817	64	43970	91.132	ug/l	96
7) Trichlorofluoromethane	3.158	101	205854	93.370	ug/l	99
8) Diethyl Ether	3.587	74	68345	111.468	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.952	101	134999	100.013	ug/l	99
10) Methyl Iodide	4.152	142	175308	118.422	ug/l	99
11) Tert butyl alcohol	5.063	59	47973	583.137	ug/l	100
12) 1,1-Dichloroethene	3.928	96	130908	107.716	ug/l	98
13) Acrolein	3.793	56	54011	1074.991	ug/l	98
14) Allyl chloride	4.552	41	201121	105.995	ug/l	99
15) Acrylonitrile	5.246	53	163754	568.598	ug/l	97
16) Acetone	4.016	43	121162	492.798	ug/l	99
17) Carbon Disulfide	4.258	76	367007	105.503	ug/l	99
18) Methyl Acetate	4.558	43	80804	104.493	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	321181	108.700	ug/l	96
20) Methylene Chloride	4.793	84	147781	78.589	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	146748	104.107	ug/l	98
22) Diisopropyl ether	6.216	45	439455	110.926	ug/l	97
23) Vinyl Acetate	6.152	43	1161062	581.461	ug/l	99
24) 1,1-Dichloroethane	6.105	63	273472	105.710	ug/l	96
25) 2-Butanone	7.075	43	204890	536.773	ug/l	98
26) 2,2-Dichloropropane	7.069	77	232116	100.233	ug/l	99
27) cis-1,2-Dichloroethene	7.069	96	170232	106.394	ug/l	97
28) Bromochloromethane	7.422	49	88701	110.761	ug/l	99
29) Tetrahydrofuran	7.440	42	132655	576.761	ug/l	99
30) Chloroform	7.593	83	268919	99.897	ug/l	93
31) Cyclohexane	7.869	56	234702	105.129	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	235908	95.009	ug/l	100
36) 1,1-Dichloropropene	7.999	75	210951	103.937	ug/l	99
37) Ethyl Acetate	7.169	43	93094	113.141	ug/l	99
38) Carbon Tetrachloride	7.987	117	201159	93.860	ug/l	98
39) Methylcyclohexane	9.263	83	257214	110.662	ug/l	99
40) Benzene	8.240	78	595778	103.572	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	57328	114.323	ug/l	96
42) 1,2-Dichloroethane	8.316	62	155193	92.692	ug/l	99
43) Isopropyl Acetate	8.357	43	180422	108.846	ug/l	99
44) Trichloroethene	9.022	130	162001	97.448	ug/l	97
45) 1,2-Dichloropropane	9.299	63	154979	106.791	ug/l	98
46) Dibromomethane	9.387	93	80036	100.040	ug/l	99
47) Bromodichloromethane	9.575	83	202896	97.751	ug/l	97
48) Methyl methacrylate	9.375	41	84833	111.916	ug/l	99
49) 1,4-Dioxane	9.375	88	20886	2236.797	ug/l	99
51) 4-Methyl-2-Pentanone	10.151	43	469026	567.071	ug/l	100
52) Toluene	10.328	92	379812	100.967	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	199308	105.313	ug/l	96
54) cis-1,3-Dichloropropene	10.010	75	241500	107.501	ug/l	99
55) 1,1,2-Trichloroethane	10.722	97	113162	102.277	ug/l	96
56) Ethyl methacrylate	10.587	69	153279	119.473	ug/l	97
57) 1,3-Dichloropropane	10.869	76	195768	105.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	131417	359.977	ug/l	100
59) 2-Hexanone	10.910	43	321285	576.354	ug/l	99
60) Dibromochloromethane	11.063	129	136564	96.730	ug/l	99
61) 1,2-Dibromoethane	11.169	107	106669	99.986	ug/l	99
64) Tetrachloroethene	10.798	164	130926	97.469	ug/l	95
65) Chlorobenzene	11.593	112	401536	99.509	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	145575	96.465	ug/l	100
67) Ethyl Benzene	11.669	91	756772	108.999	ug/l	100
68) m/p-Xylenes	11.781	106	572654	209.466	ug/l	100
69) o-Xylene	12.104	106	272585	107.399	ug/l	99
70) Styrene	12.122	104	456424	105.222	ug/l	99
71) Bromoform	12.287	173	80812	97.570	ug/l #	100
73) Isopropylbenzene	12.404	105	720954	113.545	ug/l	100
74) N-amyl acetate	12.216	43	174768	123.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.657	83	130928	113.200	ug/l	100
76) 1,2,3-Trichloropropane	12.710	75	93137m	106.136	ug/l	
77) Bromobenzene	12.687	156	161380	107.604	ug/l	97
78) n-propylbenzene	12.745	91	877452	112.964	ug/l	99
79) 2-Chlorotoluene	12.834	91	476892	107.007	ug/l	100
80) 1,3,5-Trimethylbenzene	12.887	105	586822	108.533	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.451	75	38675	116.074	ug/l #	100
82) 4-Chlorotoluene	12.934	91	475894	101.669	ug/l	98
83) tert-Butylbenzene	13.151	119	519357	112.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.192	105	578430	109.659	ug/l	99
85) sec-Butylbenzene	13.328	105	776943	111.791	ug/l	99
86) p-Isopropyltoluene	13.440	119	641470	112.362	ug/l	99
87) 1,3-Dichlorobenzene	13.440	146	316022	104.425	ug/l	98
88) 1,4-Dichlorobenzene	13.522	146	309905	101.632	ug/l	99
89) n-Butylbenzene	13.769	91	629607	115.287	ug/l	99
90) Hexachloroethane	14.034	117	119085	103.056	ug/l	99
91) 1,2-Dichlorobenzene	13.810	146	272271	102.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.428	75	19614	105.800	ug/l	93
93) 1,2,4-Trichlorobenzene	15.075	180	191364	116.597	ug/l	99
94) Hexachlorobutadiene	15.181	225	109954	118.507	ug/l	98
95) Naphthalene	15.310	128	370323	123.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.498	180	163443	113.909	ug/l	99

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

