

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD073991.D
 Acq On : 09 Aug 2022 12:17
 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: Aug 10 00:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 00:16:54 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	7.967	168	171208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	269956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	257847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	135850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	109018	71.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.040%	
35) Dibromofluoromethane	7.908	113	136305	82.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 164.520%#	
50) Toluene-d8	10.332	98	373148	76.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 153.380%#	
62) 4-Bromofluorobenzene	12.620	95	195073	92.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 185.340%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	120735	76.496	ug/l	99
3) Chloromethane	2.209	50	162383	75.367	ug/l	98
4) Vinyl Chloride	2.344	62	236924	81.925	ug/l	99
5) Bromomethane	2.750	94	146441	81.256	ug/l	96
6) Chloroethane	2.909	64	169894	82.687	ug/l	98
7) Trichlorofluoromethane	3.262	101	258290	71.887	ug/l	91
8) Diethyl Ether	3.703	74	63613	88.040	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	149225	84.982	ug/l	100
10) Methyl Iodide	4.285	142	139826	91.271	ug/l	99
11) Tert butyl alcohol	5.238	59	54149	311.736	ug/l #	91
12) 1,1-Dichloroethene	4.056	96	126140	86.759	ug/l	97
13) Acrolein	3.915	56	45938	459.872	ug/l	99
14) Allyl chloride	4.703	41	174254	88.184	ug/l	98
15) Acrylonitrile	5.409	53	149297	443.644	ug/l	99
16) Acetone	4.150	43	113571	353.955	ug/l	99
17) Carbon Disulfide	4.397	76	291188	76.881	ug/l	96
18) Methyl Acetate	4.715	43	70136	78.167	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	348510	91.911	ug/l	99
20) Methylene Chloride	4.950	84	154937	60.380	ug/l	98
21) trans-1,2-Dichloroethene	5.462	96	147198	86.309	ug/l	91
22) Diisopropyl ether	6.361	45	412258	92.464	ug/l	96
23) Vinyl Acetate	6.297	43	1185750	102.935	ug/l	98
24) 1,1-Dichloroethane	6.250	63	263032	85.990	ug/l	98
25) 2-Butanone	7.203	43	193323	398.395	ug/l	94
26) 2,2-Dichloropropane	7.197	77	257281	81.697	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	176702	88.018	ug/l	98
28) Bromochloromethane	7.538	49	83074	85.359	ug/l	98
29) Tetrahydrofuran	7.556	42	120799	451.928	ug/l	96
30) Chloroform	7.703	83	309171	87.113	ug/l	96
31) Cyclohexane	7.973	56	197889	80.376	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	293673	87.613	ug/l	98
36) 1,1-Dichloropropene	8.103	75	213464	92.306	ug/l	99
37) Ethyl Acetate	7.291	43	90640	87.902	ug/l	98
38) Carbon Tetrachloride	8.091	117	260248	95.937	ug/l	99
39) Methylcyclohexane	9.344	83	242860	99.110	ug/l	96
40) Benzene	8.344	78	602365	92.240	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	52875	102.393	ug/l	92
42) 1,2-Dichloroethane	8.414	62	184102	87.329	ug/l	99
43) Isopropyl Acetate	8.444	43	179478	92.935	ug/l	99
44) Trichloroethene	9.103	130	175304	91.656	ug/l	97
45) 1,2-Dichloropropane	9.379	63	146877	91.550	ug/l	98
46) Dibromomethane	9.467	93	96672	90.790	ug/l	98
47) Bromodichloromethane	9.650	83	241078	90.285	ug/l #	98
48) Methyl methacrylate	9.444	41	76955	89.317	ug/l	100
49) 1,4-Dioxane	9.455	88	22103	1826.217	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	478305	480.218	ug/l	99
52) Toluene	10.391	92	426334	99.124	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	223833	95.795	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	253592	95.617	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	130362	93.077	ug/l	96
56) Ethyl methacrylate	10.650	69	154297	101.061	ug/l	99
57) 1,3-Dichloropropane	10.932	76	206572	92.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	292896	547.689	ug/l	99
59) 2-Hexanone	10.973	43	331125	491.302	ug/l	99
60) Dibromochloromethane	11.132	129	176770	94.581	ug/l	99
61) 1,2-Dibromoethane	11.232	107	126822	92.512	ug/l	98
64) Tetrachloroethene	10.867	164	149410	91.358	ug/l	98
65) Chlorobenzene	11.655	112	461678	93.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	184867	95.091	ug/l	98
67) Ethyl Benzene	11.732	91	846161	98.996	ug/l	99
68) m/p-Xylenes	11.844	106	687193	200.111	ug/l	99
69) o-Xylene	12.167	106	321223	101.601	ug/l	98
70) Styrene	12.179	104	564667	102.031	ug/l	100
71) Bromoform	12.344	173	111076	95.637	ug/l #	98
73) Isopropylbenzene	12.467	105	885954	100.894	ug/l	100
74) N-amyl acetate	12.273	43	180708	95.122	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	155829	90.581	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	98918m	56.084	ug/l	
77) Bromobenzene	12.743	156	201889	93.475	ug/l	96
78) n-propylbenzene	12.802	91	1074290	99.604	ug/l	99
79) 2-Chlorotoluene	12.891	91	590785	96.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	762963	101.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	47835	99.395	ug/l	100
82) 4-Chlorotoluene	12.991	91	629685	96.433	ug/l	99
83) tert-Butylbenzene	13.208	119	675636	104.117	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	760959	100.807	ug/l	99
85) sec-Butylbenzene	13.385	105	1010211	102.275	ug/l	99
86) p-Isopropyltoluene	13.496	119	869991	104.375	ug/l	100
87) 1,3-Dichlorobenzene	13.496	146	432240	95.637	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	425708	93.085	ug/l	99
89) n-Butylbenzene	13.826	91	787485	100.566	ug/l	99
90) Hexachloroethane	14.090	117	161079	95.581	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	371037	94.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	27428	89.867	ug/l	96
93) 1,2,4-Trichlorobenzene	15.137	180	228212	96.473	ug/l	99
94) Hexachlorobutadiene	15.243	225	125656	94.588	ug/l	98
95) Naphthalene	15.379	128	456461	102.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	200697	94.029	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Aug 10 00:16:54 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

