

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074185.D
 Acq On : 23 Aug 2022 12:37
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 23 13:04:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	181952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	286112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	259677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	125248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	229517	133.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 267.000%#			
35) Dibromofluoromethane	7.908	113	251506	135.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 270.540%#			
50) Toluene-d8	10.332	98	796357	137.936	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 275.880%#			
62) 4-Bromofluorobenzene	12.620	95	331149	142.020	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 284.040%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	213305	121.372	ug/l	98
3) Chloromethane	2.209	50	168058	86.605	ug/l	99
4) Vinyl Chloride	2.344	62	178270	71.347	ug/l	100
5) Bromomethane	2.738	94	112348	56.568	ug/l	97
6) Chloroethane	2.903	64	111976	53.918	ug/l	98
7) Trichlorofluoromethane	3.262	101	490997	127.412	ug/l	99
8) Diethyl Ether	3.709	74	138242	165.324	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	290025	138.374	ug/l	95
10) Methyl Iodide	4.291	142	360118	184.482	ug/l	98
11) Tert butyl alcohol	5.226	59	88169	739.958	ug/l	98
12) 1,1-Dichloroethene	4.062	96	279927	159.931	ug/l	91
13) Acrolein	3.920	56	32027	341.576	ug/l	98
14) Allyl chloride	4.709	41	437387	190.888	ug/l	94
15) Acrylonitrile	5.414	53	318820	940.299	ug/l	98
16) Acetone	4.156	43	243741	670.444	ug/l	92
17) Carbon Disulfide	4.403	76	880527	191.444	ug/l	99
18) Methyl Acetate	4.714	43	152704	165.759	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	667422	175.330	ug/l	96
20) Methylene Chloride	4.956	84	310184	112.937	ug/l	86
21) trans-1,2-Dichloroethene	5.461	96	323683	168.125	ug/l	90
22) Diisopropyl ether	6.361	45	861852	178.466	ug/l #	93
23) Vinyl Acetate	6.297	43	2492180	1002.914	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	548234	165.106	ug/l	99
25) 2-Butanone	7.208	43	388568	800.359	ug/l	91
26) 2,2-Dichloropropane	7.203	77	497648	148.454	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	352924	158.116	ug/l	92
28) Bromochloromethane	7.538	49	160991	135.578	ug/l #	77
29) Tetrahydrofuran	7.555	42	256715	948.264	ug/l	90
30) Chloroform	7.703	83	568928	149.514	ug/l	100
31) Cyclohexane	7.979	56	503454	176.047	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	541913	152.206	ug/l	95
36) 1,1-Dichloropropene	8.108	75	457882	173.856	ug/l	96
37) Ethyl Acetate	7.291	43	184974	179.214	ug/l #	96
38) Carbon Tetrachloride	8.091	117	478941	160.900	ug/l	97
39) Methylcyclohexane	9.350	83	562560	191.117	ug/l	96
40) Benzene	8.344	78	1229958	165.815	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	98123	180.440	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	359409	163.201	ug/l	97
43) Isopropyl Acetate	8.444	43	358593	187.530	ug/l #	93
44) Trichloroethene	9.102	130	356668	165.291	ug/l	93
45) 1,2-Dichloropropane	9.379	63	299880	167.426	ug/l	97
46) Dibromomethane	9.467	93	170341	153.323	ug/l	95
47) Bromodichloromethane	9.655	83	437872	153.425	ug/l	98
48) Methyl methacrylate	9.450	41	175267	197.110	ug/l	89
49) 1,4-Dioxane	9.455	88	40231	3657.715	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	888910	906.541	ug/l	94
52) Toluene	10.397	92	797910	165.045	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	421716	171.396	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	505685	176.147	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	221403	150.382	ug/l	98
56) Ethyl methacrylate	10.649	69	293511	189.656	ug/l	86
57) 1,3-Dichloropropane	10.932	76	387356	162.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	399575	725.947	ug/l	92
59) 2-Hexanone	10.973	43	603602	901.278	ug/l	95
60) Dibromochloromethane	11.126	129	299952	150.808	ug/l	97
61) 1,2-Dibromoethane	11.232	107	220838	153.053	ug/l	97
64) Tetrachloroethene	10.867	164	285382	167.189	ug/l	95
65) Chlorobenzene	11.661	112	832300	158.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	306101	149.561	ug/l	99
67) Ethyl Benzene	11.732	91	1507733	167.469	ug/l	97
68) m/p-Xylenes	11.844	106	1183724	327.273	ug/l	96
69) o-Xylene	12.167	106	553595	168.262	ug/l	94
70) Styrene	12.185	104	929298	162.099	ug/l	98
71) Bromoform	12.349	173	172020	162.038	ug/l #	100
73) Isopropylbenzene	12.467	105	1489258	176.308	ug/l	99
74) N-amyl acetate	12.273	43	328004	197.839	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	243425	159.095	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	171959m	147.480	ug/l	
77) Bromobenzene	12.743	156	330187	163.523	ug/l	89
78) n-propylbenzene	12.808	91	1775192	169.923	ug/l	96
79) 2-Chlorotoluene	12.890	91	1008650	169.553	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	1246270	173.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	82489	190.602	ug/l	89
82) 4-Chlorotoluene	12.991	91	1040532	165.415	ug/l	98
83) tert-Butylbenzene	13.208	119	1073650	173.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	1210582	168.075	ug/l	98
85) sec-Butylbenzene	13.385	105	1601885	168.854	ug/l	98
86) p-Isopropyltoluene	13.496	119	1334038	168.507	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	647271	151.732	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	647397	152.150	ug/l	99
89) n-Butylbenzene	13.826	91	1268935	167.699	ug/l	98
90) Hexachloroethane	14.090	117	256726	156.135	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	571559	151.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	42433	163.830	ug/l	87
93) 1,2,4-Trichlorobenzene	15.137	180	372512	156.202	ug/l	100
94) Hexachlorobutadiene	15.243	225	199310	141.405	ug/l	98
95) Naphthalene	15.373	128	738785	179.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	325299	154.809	ug/l	100

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

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