

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073664.D
 Acq On : 23 Jun 2022 13:10
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 24 06:55:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 06:54:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/30/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	218231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	355907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	344361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	166958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	13890	5.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.080%#
35) Dibromofluoromethane	7.908	113	14742	5.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.340%#
50) Toluene-d8	10.332	98	55565	6.012	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	12.020%#
62) 4-Bromofluorobenzene	12.620	95	19857	5.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.700%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	13314	6.345	ug/l	96
3) Chloromethane	2.208	50	11029	5.825	ug/l	94
4) Vinyl Chloride	2.350	62	11715	6.529	ug/l	99
5) Bromomethane	2.761	94	8007	5.670	ug/l	94
6) Chloroethane	2.914	64	7057	5.950	ug/l	100
7) Trichlorofluoromethane	3.261	101	24642	5.864	ug/l	89
8) Diethyl Ether	3.697	74	5839	5.344	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	14217	5.878	ug/l	99
10) Methyl Iodide	4.303	142	11725	5.066	ug/l #	86
11) Tert butyl alcohol	5.173	59	33662	114.668	ug/l #	100
12) 1,1-Dichloroethene	4.061	96	11441	5.425	ug/l	87
13) Acrolein	3.920	56	824m	12.214	ug/l	
14) Allyl chloride	4.697	41	15475	5.120	ug/l	100
15) Acrylonitrile	5.408	53	13381	27.005	ug/l	97
16) Acetone	4.150	43	13234	32.567	ug/l #	80
17) Carbon Disulfide	4.408	76	27215	4.585	ug/l	96
18) Methyl Acetate	4.702	43	10474m	8.163	ug/l	
19) Methyl tert-butyl Ether	5.473	73	27570	5.495	ug/l	96
20) Methylene Chloride	4.961	84	25727	8.078	ug/l #	75
21) trans-1,2-Dichloroethene	5.455	96	14958	5.988	ug/l #	70
22) Diisopropyl ether	6.355	45	32782	4.822	ug/l	93
23) Vinyl Acetate	6.297	43	69770m	19.634	ug/l	
24) 1,1-Dichloroethane	6.255	63	24047	5.264	ug/l	97
25) 2-Butanone	7.208	43	17209	29.386	ug/l	100
26) 2,2-Dichloropropane	7.196	77	23669	5.606	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	14757	5.088	ug/l	94
28) Bromochloromethane	7.532	49	9542	5.653	ug/l	99
29) Tetrahydrofuran	7.555	42	9025	25.004	ug/l	92
30) Chloroform	7.702	83	27446	5.300	ug/l	98
31) Cyclohexane	7.979	56	23273	6.107	ug/l #	89
32) 1,1,1-Trichloroethane	7.896	97	26129	5.652	ug/l	97
36) 1,1-Dichloropropene	8.102	75	19706	5.410	ug/l	97
37) Ethyl Acetate	7.279	43	6760m	4.831	ug/l	
38) Carbon Tetrachloride	8.091	117	23639	5.692	ug/l	87
39) Methylcyclohexane	9.343	83	20257	5.039	ug/l	96
40) Benzene	8.343	78	55456	5.269	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3828	4.883	ug/l	95
42) 1,2-Dichloroethane	8.420	62	17382	5.505	ug/l	98
43) Isopropyl Acetate	8.443	43	13733	5.163	ug/l #	84
44) Trichloroethene	9.102	130	15239	5.067	ug/l	97
45) 1,2-Dichloropropane	9.373	63	13254	5.008	ug/l	94
46) Dibromomethane	9.467	93	8126	5.419	ug/l	94
47) Bromodichloromethane	9.649	83	32508	8.286	ug/l #	82
48) Methyl methacrylate	9.449	41	6868m	5.131	ug/l	
49) 1,4-Dioxane	9.455	88	1477	86.973	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	35454	26.070	ug/l	97
52) Toluene	10.396	92	35895	5.232	ug/l	92
53) t-1,3-Dichloropropene	10.608	75	18739	5.250	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	24275	5.805	ug/l	98
55) 1,1,2-Trichloroethane	10.785	97	11845	5.567	ug/l #	87
56) Ethyl methacrylate	10.649	69	10026	4.277	ug/l	97
57) 1,3-Dichloropropane	10.937	76	17930	5.142	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.932	63	26144	27.843	ug/l	100
59) 2-Hexanone	10.973	43	22575	24.111	ug/l	96
60) Dibromochloromethane	11.126	129	14707	5.283	ug/l	93
61) 1,2-Dibromoethane	11.237	107	10464	5.159	ug/l	99
64) Tetrachloroethene	10.867	164	14233	5.538	ug/l	89
65) Chlorobenzene	11.655	112	41239	5.317	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	15238	5.042	ug/l	98
67) Ethyl Benzene	11.737	91	67698	5.126	ug/l	99
68) m/p-Xylenes	11.843	106	51667	9.976	ug/l	96
69) o-Xylene	12.167	106	24212	5.014	ug/l #	1
70) Styrene	12.184	104	41638	5.024	ug/l #	86
71) Bromoform	12.349	173	8976	5.467	ug/l #	95
73) Isopropylbenzene	12.467	105	67292	5.544	ug/l	99
74) N-amyl acetate	12.273	43	12412	5.053	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	12850	5.615	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	6927m	4.362	ug/l	
77) Bromobenzene	12.749	156	16564	5.605	ug/l	82
78) n-propylbenzene	12.808	91	90765m	6.117	ug/l	
79) 2-Chlorotoluene	12.896	91	49449	5.673	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	58189	5.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	3754	5.352	ug/l	98
82) 4-Chlorotoluene	12.990	91	66834	7.184	ug/l	88
83) tert-Butylbenzene	13.208	119	53947	5.974	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	56713	5.546	ug/l	99
85) sec-Butylbenzene	13.390	105	72120	5.410	ug/l	99
86) p-Isopropyltoluene	13.502	119	56870	5.164	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	33609	5.520	ug/l	98
88) 1,4-Dichlorobenzene	13.573	146	66337	10.966	ug/l	95
89) n-Butylbenzene	13.826	91	55068	5.303	ug/l	97
90) Hexachloroethane	14.096	117	13396	5.681	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	29266	5.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2162	6.081	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	17079	5.558	ug/l	93
94) Hexachlorobutadiene	15.243	225	10334	5.935	ug/l	94
95) Naphthalene	15.378	128	28174	5.266	ug/l	98
96) 1,2,3-Trichlorobenzene	15.572	180	14824	5.554	ug/l	95

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MSVOA_D
ClientSampleId :
VSTDICC005

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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

