

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021720.D
 Acq On : 03 Jan 2022 23:16
 Operator : SY/VA
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 05:52:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	97487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	174753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	165403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	90573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	25201	26.830	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	53.660%		
35) Dibromofluoromethane	7.891	113	22279	20.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.120%#		
50) Toluene-d8	10.323	98	84842	20.915	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	41.840%#		
62) 4-Bromofluorobenzene	12.615	95	32956	21.813	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	43.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	2173	13.114	ug/l	96
3) Chloromethane	2.215	50	17528	28.378	ug/l	93
4) Vinyl Chloride	2.361	62	27561	26.367	ug/l	94
5) Bromomethane	2.776	94	41740	51.791	ug/l	97
6) Chloroethane	2.916	64	15537	35.137	ug/l #	87
7) Trichlorofluoromethane	3.263	101	13454	30.180	ug/l	99
8) Diethyl Ether	3.690	74	9731	22.677	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	20000	23.329	ug/l	97
10) Methyl Iodide	4.269	142	27158	21.347	ug/l	99
11) Tert butyl alcohol	5.202	59	5754m	78.193	ug/l	
12) 1,1-Dichloroethene	4.038	96	18323	21.916	ug/l	91
13) Acrolein	3.904	56	6993	357.647	ug/l	95
14) Allyl chloride	4.672	41	28305	23.217	ug/l	98
15) Acrylonitrile	5.379	53	22699	121.714	ug/l	96
16) Acetone	4.141	43	20239	108.533	ug/l	94
17) Carbon Disulfide	4.391	76	49345	21.321	ug/l	99
18) Methyl Acetate	4.678	43	16542	24.247	ug/l	95
19) Methyl tert-butyl Ether	5.434	73	36483	25.014	ug/l	99
20) Methylene Chloride	4.922	84	29629	27.273	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	23349	24.196	ug/l	89
22) Diisopropyl ether	6.318	45	63668	25.291	ug/l	95
23) Vinyl Acetate	6.257	43	167601	117.361	ug/l	98
24) 1,1-Dichloroethane	6.214	63	41680	25.865	ug/l	98
25) 2-Butanone	7.183	43	29845	112.284	ug/l	96
26) 2,2-Dichloropropane	7.171	77	25045	22.211	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	25790	23.871	ug/l	99
28) Bromochloromethane	7.519	49	17415	25.864	ug/l	99
29) Tetrahydrofuran	7.537	42	17559	109.784	ug/l	96
30) Chloroform	7.683	83	46231	26.052	ug/l	97
31) Cyclohexane	7.958	56	36416	23.552	ug/l	96
32) 1,1,1-Trichloroethane	7.878	97	37009	24.675	ug/l	97
36) 1,1-Dichloropropene	8.086	75	33977	21.473	ug/l	98
37) Ethyl Acetate	7.257	43	13693	19.819	ug/l	96
38) Carbon Tetrachloride	8.067	117	33177	20.012	ug/l	90
39) Methylcyclohexane	9.336	83	41058	20.722	ug/l	97
40) Benzene	8.323	78	96632	21.396	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	8434	22.992	ug/l	91
42) 1,2-Dichloroethane	8.403	62	31492	22.891	ug/l	100
43) Isopropyl Acetate	8.427	43	26873	19.858	ug/l	99
44) Trichloroethene	9.092	130	25614	19.832	ug/l	94
45) 1,2-Dichloropropane	9.372	63	23572	22.656	ug/l	97
46) Dibromomethane	9.464	93	14674	22.329	ug/l	97
47) Bromodichloromethane	9.646	83	33211	21.387	ug/l	99
48) Methyl methacrylate	9.439	41	12171	19.719	ug/l	86
49) 1,4-Dioxane	9.482	88	3223	364.130	ug/l #	100
51) 4-Methyl-2-Pentanone	10.213	43	70735	101.199	ug/l	99
52) Toluene	10.390	92	65358	22.352	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	30338	19.959	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	35601	20.538	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	19056	21.689	ug/l	98
56) Ethyl methacrylate	10.646	69	21989	19.995	ug/l	98
57) 1,3-Dichloropropane	10.933	76	34155	23.034	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.927	63	54128	97.664	ug/l	98
59) 2-Hexanone	10.969	43	48272	99.516	ug/l	99
60) Dibromochloromethane	11.128	129	21040	19.252	ug/l	100
61) 1,2-Dibromoethane	11.238	107	18668	21.611	ug/l	99
64) Tetrachloroethene	10.866	164	22617	18.911	ug/l	94
65) Chlorobenzene	11.658	112	72300	21.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	24246	19.856	ug/l	97
67) Ethyl Benzene	11.731	91	127363	21.697	ug/l	99
68) m/p-Xylenes	11.841	106	100017	42.197	ug/l	98
69) o-Xylene	12.164	106	47458	21.381	ug/l	97
70) Styrene	12.183	104	80684	21.713	ug/l	99
71) Bromoform	12.347	173	11465	16.750	ug/l #	93
73) Isopropylbenzene	12.463	105	124644	19.953	ug/l	100
74) N-amyl acetate	12.274	43	23945	17.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	22437	20.936	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	17771m	21.918	ug/l	
77) Bromobenzene	12.743	156	28915	19.301	ug/l	94
78) n-propylbenzene	12.804	91	156938	21.305	ug/l	98
79) 2-Chlorotoluene	12.890	91	89999	21.192	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	108903	20.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	5132	15.430	ug/l #	83
82) 4-Chlorotoluene	12.987	91	95710	21.221	ug/l	97
83) tert-Butylbenzene	13.207	119	95241	19.929	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	112009	21.282	ug/l	97
85) sec-Butylbenzene	13.384	105	143633	20.860	ug/l	98
86) p-Isopropyltoluene	13.493	119	123188	20.861	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	60911	20.014	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	61476	20.218	ug/l	97
89) n-Butylbenzene	13.823	91	114456	21.615	ug/l	99
90) Hexachloroethane	14.091	117	19662	18.039	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	53184	19.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3727	20.417	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	30835	16.855	ug/l	98
94) Hexachlorobutadiene	15.231	225	17180	16.593	ug/l	98
95) Naphthalene	15.359	128	58377	17.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	27928	17.365	ug/l	99

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

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