

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021723.D
 Acq On : 04 Jan 2022 00:27
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 04 05:54:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	130492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	220152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	210935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	103390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	218546	173.821	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 347.640%#			
35) Dibromofluoromethane	7.885	113	210512	154.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 308.420%#			
50) Toluene-d8	10.323	98	826159	161.667	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 323.340%#			
62) 4-Bromofluorobenzene	12.615	95	284309	149.375	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 298.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	45177	203.682	ug/l	92
3) Chloromethane	2.215	50	163296	197.513	ug/l	100
4) Vinyl Chloride	2.361	62	261252	186.722	ug/l	98
5) Bromomethane	2.763	94	328945	304.919	ug/l	100
6) Chloroethane	2.910	64	160717	271.535	ug/l	96
7) Trichlorofluoromethane	3.257	101	142022	238.002	ug/l	99
8) Diethyl Ether	3.684	74	98158	170.890	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	192885	168.082	ug/l	98
10) Methyl Iodide	4.275	142	299024	175.591	ug/l	96
11) Tert butyl alcohol	5.202	59	50175	509.385	ug/l	97
12) 1,1-Dichloroethene	4.038	96	189349	169.193	ug/l	93
13) Acrolein	3.897	56	56414	2155.465	ug/l	99
14) Allyl chloride	4.672	41	297541	182.324	ug/l	96
15) Acrylonitrile	5.373	53	229190	918.108	ug/l	100
16) Acetone	4.129	43	242681	972.233	ug/l	96
17) Carbon Disulfide	4.379	76	583132	188.233	ug/l	100
18) Methyl Acetate	4.672	43	149758	163.992	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	349038	178.786	ug/l	98
20) Methylene Chloride	4.916	84	225442	155.032	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	235859	182.599	ug/l	98
22) Diisopropyl ether	6.312	45	608404	180.554	ug/l	96
23) Vinyl Acetate	6.257	43	1782708	932.589	ug/l	96
24) 1,1-Dichloroethane	6.220	63	393953	182.641	ug/l	99
25) 2-Butanone	7.171	43	319319	897.499	ug/l	100
26) 2,2-Dichloropropane	7.171	77	256666	170.050	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	261539	180.848	ug/l	97
28) Bromochloromethane	7.513	49	152824	169.559	ug/l	92
29) Tetrahydrofuran	7.531	42	187062	873.753	ug/l	98
30) Chloroform	7.677	83	431770	181.768	ug/l	99
31) Cyclohexane	7.958	56	341402	164.954	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	371725	185.157	ug/l	98
36) 1,1-Dichloropropene	8.086	75	327384	164.236	ug/l	98
37) Ethyl Acetate	7.250	43	132818	152.595	ug/l	99
38) Carbon Tetrachloride	8.067	117	344926	165.154	ug/l	98
39) Methylcyclohexane	9.335	83	409837	164.193	ug/l	96
40) Benzene	8.323	78	916026	160.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	81823	177.060	ug/l	94
42) 1,2-Dichloroethane	8.403	62	282127	162.786	ug/l	99
43) Isopropyl Acetate	8.427	43	266413	156.271	ug/l	97
44) Trichloroethene	9.092	130	265669	163.281	ug/l	95
45) 1,2-Dichloropropane	9.372	63	215797	164.636	ug/l	99
46) Dibromomethane	9.457	93	135982	164.249	ug/l	94
47) Bromodichloromethane	9.646	83	320873	164.026	ug/l	97
48) Methyl methacrylate	9.439	41	126229	162.339	ug/l	98
49) 1,4-Dioxane	9.463	88	31801	2851.930	ug/l #	94
51) 4-Methyl-2-Pentanone	10.213	43	664093	754.176	ug/l	99
52) Toluene	10.390	92	624714	169.588	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	325518	169.995	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	368504	168.746	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	179720	162.374	ug/l	97
56) Ethyl methacrylate	10.646	69	228435	164.884	ug/l	99
57) 1,3-Dichloropropane	10.933	76	302763	162.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	532826	763.136	ug/l	99
59) 2-Hexanone	10.969	43	456614	747.219	ug/l	98
60) Dibromochloromethane	11.128	129	224463	163.037	ug/l	98
61) 1,2-Dibromoethane	11.238	107	180064	165.463	ug/l	99
64) Tetrachloroethene	10.860	164	233535	153.116	ug/l	95
65) Chlorobenzene	11.658	112	681076	160.727	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	246238	158.125	ug/l	99
67) Ethyl Benzene	11.731	91	1213892	162.158	ug/l	100
68) m/p-Xylenes	11.841	106	990674	327.741	ug/l	96
69) o-Xylene	12.164	106	463630	163.786	ug/l	99
70) Styrene	12.183	104	787671	166.217	ug/l	99
71) Bromoform	12.353	173	132578	151.879	ug/l #	95
73) Isopropylbenzene	12.463	105	1233623	173.000	ug/l	99
74) N-amyl acetate	12.274	43	239258	150.040	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	188157	153.803	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	148128m	160.049	ug/l	
77) Bromobenzene	12.749	156	281644	164.694	ug/l	96
78) n-propylbenzene	12.804	91	1431708	170.270	ug/l	99
79) 2-Chlorotoluene	12.890	91	794632	163.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	1009388	165.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	59095	155.652	ug/l	93
82) 4-Chlorotoluene	12.987	91	820983	159.462	ug/l	96
83) tert-Butylbenzene	13.207	119	907448	166.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	981855	163.432	ug/l	100
85) sec-Butylbenzene	13.384	105	1298099	165.154	ug/l	98
86) p-Isopropyltoluene	13.493	119	1064809	157.965	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	549730	158.235	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	518625	149.421	ug/l	98
89) n-Butylbenzene	13.822	91	962115	159.172	ug/l	99
90) Hexachloroethane	14.091	117	189282	152.132	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	465141	151.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	31750	152.367	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	298736	143.054	ug/l	97
94) Hexachlorobutadiene	15.231	225	175158	148.202	ug/l	91
95) Naphthalene	15.365	128	580658	149.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	258283	140.684	ug/l	99

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

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