

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019259.D
 Acq On : 22 Jun 2021 11:22
 Operator : SY/VA
 Sample : VW0622SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:29:27 PM

Quant Time: Jun 23 05:39:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	424977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	684065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	609725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	288267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	236314	45.839	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.680%	
35) Dibromofluoromethane	7.885	113	217429	49.902	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.800%	
50) Toluene-d8	10.323	98	866056	49.653	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.300%	
62) 4-Bromofluorobenzene	12.615	95	307765	50.451	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	56972	18.900	ug/l	92
3) Chloromethane	2.215	50	56718	15.912	ug/l	99
4) Vinyl Chloride	2.367	62	97785	17.935	ug/l	98
5) Bromomethane	2.788	94	75245	17.632	ug/l	96
6) Chloroethane	2.928	64	60289	16.648	ug/l	98
7) Trichlorofluoromethane	3.263	101	54946	17.774	ug/l	99
8) Diethyl Ether	3.684	74	43653	18.530	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.074	101	88671	19.851	ug/l	99
10) Methyl Iodide	4.275	142	119409	19.977	ug/l	97
11) Tert butyl alcohol	5.208	59	22052	79.114	ug/l #	82
12) 1,1-Dichloroethene	4.044	96	89926	19.581	ug/l	92
13) Acrolein	3.904	56	23098	85.100	ug/l	95
14) Allyl chloride	4.672	41	114276	18.538	ug/l	99
15) Acrylonitrile	5.373	53	79389	82.260	ug/l	99
16) Acetone	4.135	43	64725	78.226	ug/l	95
17) Carbon Disulfide	4.391	76	245602	18.120	ug/l	100
18) Methyl Acetate	4.678	43	32777	15.571	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	117760	18.915	ug/l	97
20) Methylene Chloride	4.922	84	130242	21.644	ug/l	94
21) trans-1,2-Dichloroethene	5.428	96	97279	19.032	ug/l	97
22) Diisopropyl ether	6.312	45	240895	17.988	ug/l	97
23) Vinyl Acetate	6.257	43	692677	85.214	ug/l	99
24) 1,1-Dichloroethane	6.220	63	174748	18.513	ug/l	99
25) 2-Butanone	7.177	43	96532	79.105	ug/l	98
26) 2,2-Dichloropropane	7.165	77	100280	19.394	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	106493	19.197	ug/l	99
28) Bromochloromethane	7.513	49	65509	17.533	ug/l	99
29) Tetrahydrofuran	7.537	42	60167	79.605	ug/l	98
30) Chloroform	7.677	83	177207	18.718	ug/l	96
31) Cyclohexane	7.958	56	160780	18.342	ug/l	96
32) 1,1,1-Trichloroethane	7.878	97	141760	19.883	ug/l	99
36) 1,1-Dichloropropene	8.086	75	143349	19.801	ug/l	100
37) Ethyl Acetate	7.257	43	46191	17.067	ug/l	100
38) Carbon Tetrachloride	8.067	117	133013	21.017	ug/l	98
39) Methylcyclohexane	9.336	83	175694	20.461	ug/l	98
40) Benzene	8.324	78	392379	19.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	25290	16.700	ug/l	96
42) 1,2-Dichloroethane	8.403	62	113763	19.305	ug/l	99
43) Isopropyl Acetate	8.427	43	88119	17.060	ug/l	99
44) Trichloroethene	9.092	130	99245	20.106	ug/l	92
45) 1,2-Dichloropropane	9.372	63	92676	19.039	ug/l	97
46) Dibromomethane	9.464	93	48484	18.962	ug/l	99
47) Bromodichloromethane	9.646	83	125347	19.393	ug/l	94
48) Methyl methacrylate	9.439	41	42737	18.383	ug/l	93
49) 1,4-Dioxane	9.470	88	14963	453.412	ug/l #	82
51) 4-Methyl-2-Pentanone	10.207	43	223003	85.216	ug/l	99
52) Toluene	10.390	92	248576	20.141	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	121804	18.904	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	146706	19.531	ug/l	97
55) 1,1,2-Trichloroethane	10.787	97	65870	18.695	ug/l	98
56) Ethyl methacrylate	10.646	69	81664	18.300	ug/l	99
57) 1,3-Dichloropropane	10.933	76	116920	18.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	198333	94.789	ug/l	99
59) 2-Hexanone	10.969	43	148805	83.953	ug/l	99
60) Dibromochloromethane	11.128	129	72168	18.930	ug/l	98
61) 1,2-Dibromoethane	11.238	107	63686	19.309	ug/l	99
64) Tetrachloroethene	10.866	164	85083	21.951	ug/l	92
65) Chlorobenzene	11.658	112	253486	20.451	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	85527	20.181	ug/l	99
67) Ethyl Benzene	11.731	91	483659	20.669	ug/l	98
68) m/p-Xylenes	11.841	106	366248	41.924	ug/l	97
69) o-Xylene	12.164	106	172518	21.070	ug/l	100
70) Styrene	12.183	104	287092	20.794	ug/l	100
71) Bromoform	12.347	173	38271	18.619	ug/l #	99
73) Isopropylbenzene	12.463	105	464984	21.688	ug/l	100
74) N-amyl acetate	12.274	43	83927	18.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	73242	18.780	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	48426m	17.148	ug/l	
77) Bromobenzene	12.750	156	101616	22.018	ug/l	98
78) n-propylbenzene	12.804	91	583659	21.592	ug/l	100
79) 2-Chlorotoluene	12.890	91	334939	21.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	400793	22.049	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	21348	18.339	ug/l	99
82) 4-Chlorotoluene	12.987	91	348772	21.596	ug/l	100
83) tert-Butylbenzene	13.207	119	340438	22.183	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	393802	21.821	ug/l	98
85) sec-Butylbenzene	13.384	105	527642	22.103	ug/l	99
86) p-Isopropyltoluene	13.499	119	441967	22.753	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	208688	21.371	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	205381	21.281	ug/l	98
89) n-Butylbenzene	13.823	91	427258	21.868	ug/l	99
90) Hexachloroethane	14.091	117	72201	20.507	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	174913	20.538	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	11588	18.618	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	116295	21.396	ug/l	98
94) Hexachlorobutadiene	15.231	225	69418	21.658	ug/l	94
95) Naphthalene	15.365	128	201368	20.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	102609	21.840	ug/l	99

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

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