

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015645.D
 Acq On : 22 Jun 2020 13:24
 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
 6/23/2020 11:00:57 AM

Quant Time: Jun 23 06:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105071	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
35) Dibromofluoromethane	7.88	113	101014	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.32	98	417584	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	141023	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24786	20.164	ug/l	98
3) Chloromethane	2.21	50	30804	20.390	ug/l	98
4) Vinyl Chloride	2.37	62	49047	20.831	ug/l	98
5) Bromomethane	2.78	94	35936	21.649	ug/l	100
6) Chloroethane	2.93	64	31713	20.807	ug/l	97
7) Trichlorofluoromethane	3.26	101	37003	21.059	ug/l	99
8) Diethyl Ether	3.68	74	17675	16.586	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42069	19.679	ug/l	98
10) Methyl Iodide	4.26	142	58947	18.675	ug/l	100
11) Tert butyl alcohol	5.20	59	11190m	46.540	ug/l	
12) 1,1-Dichloroethene	4.04	96	41619	19.562	ug/l	99
13) Acrolein	3.90	56	11483	80.885	ug/l	100
14) Allyl chloride	4.67	41	65518	18.106	ug/l	97
15) Acrylonitrile	5.37	53	32560	73.895	ug/l	98
16) Acetone	4.13	43	32314	60.443	ug/l	99
17) Carbon Disulfide	4.38	76	121216	19.077	ug/l	99
18) Methyl Acetate	4.67	43	15751	15.102	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	54528	16.515	ug/l	99
20) Methylene Chloride	4.92	84	47588	19.549	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	46083	19.144	ug/l	100
22) Diisopropyl ether	6.32	45	120738	17.657	ug/l	100
23) Vinyl Acetate	6.26	43	318866	78.647	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81825	18.991	ug/l	100
25) 2-Butanone	7.18	43	45644	73.125	ug/l	97
26) 2,2-Dichloropropane	7.17	77	57691	19.064	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48013	18.337	ug/l	96
28) Bromochloromethane	7.51	49	30217	18.687	ug/l	100
29) Tetrahydrofuran	7.54	42	27120	73.286	ug/l	97
30) Chloroform	7.68	83	80819	18.685	ug/l	100
31) Cyclohexane	7.96	56	80249	19.073	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74210	19.865	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69380	20.547	ug/l	99
37) Ethyl Acetate	7.26	43	20622	15.736	ug/l	99
38) Carbon Tetrachloride	8.07	117	68111	20.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83646	20.087	ug/l	96
40) Benzene	8.32	78	180736	19.835	ug/l	100
41) Methacrylonitrile	7.48	41	11746	15.605	ug/l	92
42) 1,2-Dichloroethane	8.40	62	50526	18.168	ug/l	99
43) Isopropyl Acetate	8.43	43	42398	16.286	ug/l	98
44) Trichloroethene	9.09	130	49998	20.563	ug/l	94
45) 1,2-Dichloropropane	9.37	63	42158	18.967	ug/l	97
46) Dibromomethane	9.46	93	20265	17.859	ug/l	99
47) Bromodichloromethane	9.65	83	56301	18.336	ug/l	99
48) Methyl methacrylate	9.44	41	18637	15.661	ug/l	97
49) 1,4-Dioxane	9.46	88	4552	283.047	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	98105	79.315	ug/l	99
52) Toluene	10.39	92	116502	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	49615	16.393	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62373	17.488	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	27702	17.490	ug/l	97
56) Ethyl methacrylate	10.65	69	32229	15.643	ug/l	98
57) 1,3-Dichloropropane	10.93	76	48409	17.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	85460	86.754	ug/l	100
59) 2-Hexanone	10.97	43	65914	77.042	ug/l	99
60) Dibromochloromethane	11.13	129	32256	16.690	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25827	17.038	ug/l	100
64) Tetrachloroethene	10.87	164	41424	20.781	ug/l	87
65) Chlorobenzene	11.66	112	117452	19.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39995	18.454	ug/l	100
67) Ethyl Benzene	11.73	91	225715	19.781	ug/l	99
68) m/p-Xylenes	11.84	106	168667	39.561	ug/l	99
69) o-Xylene	12.17	106	75650	19.048	ug/l	98
70) Styrene	12.18	104	125065	18.437	ug/l	99
71) Bromoform	12.35	173	16300	15.648	ug/l #	99
73) Isopropylbenzene	12.47	105	219369	20.325	ug/l	99
74) N-amyl acetate	12.27	43	38506	16.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	29495	17.735	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16650m	13.987	ug/l	
77) Bromobenzene	12.75	156	45090	19.347	ug/l	96
78) n-propylbenzene	12.80	91	265079	20.557	ug/l	100
79) 2-Chlorotoluene	12.90	91	144953	19.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	185583	20.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8289	14.999	ug/l	92
82) 4-Chlorotoluene	12.99	91	152588	20.193	ug/l	99
83) tert-Butylbenzene	13.21	119	156881	20.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	183547	20.194	ug/l	100
85) sec-Butylbenzene	13.38	105	230800	21.069	ug/l	99
86) p-Isopropyltoluene	13.50	119	201755	20.107	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	92914	20.096	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	90974	19.749	ug/l	96
89) n-Butylbenzene	13.82	91	198946	20.655	ug/l	99
90) Hexachloroethane	14.10	117	35809	19.400	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	75382	18.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4437	15.475	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	47664	17.188	ug/l	99
94) Hexachlorobutadiene	15.24	225	32669	19.318	ug/l	99
95) Naphthalene	15.37	128	71316	15.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	38650	16.546	ug/l	97

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

