

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014597.D
 Acq On : 10 Jan 2020 14:14
 Operator : SY/VA
 Sample : VW0110SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:01:34 PM

Quant Time: Jan 11 04:10:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	743506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1104654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	930973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	471690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	305249	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.88	113	305304	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.32	98	1282374	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	432410	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	90331	21.518	ug/l 99
3) Chloromethane	2.21	50	115197	22.419	ug/l 100
4) Vinyl Chloride	2.35	62	171280	22.663	ug/l 98
5) Bromomethane	2.76	94	105462	22.589	ug/l 99
6) Chloroethane	2.91	64	96076	22.301	ug/l 98
7) Trichlorofluoromethane	3.25	101	79043	20.903	ug/l 97
8) Diethyl Ether	3.67	74	76681	20.381	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	155978	22.076	ug/l 99
10) Methyl Iodide	4.26	142	220157	20.652	ug/l 99
11) Tert butyl alcohol	5.15	59	52286	89.605	ug/l 99
12) 1,1-Dichloroethene	4.03	96	160390	21.677	ug/l 98
13) Acrolein	3.89	56	52081	91.793	ug/l 100
14) Allyl chloride	4.66	41	241617	21.369	ug/l 99
15) Acrylonitrile	5.35	53	181423	105.492	ug/l 98
16) Acetone	4.11	43	183650	100.052	ug/l 98
17) Carbon Disulfide	4.38	76	467907	20.982	ug/l 99
18) Methyl Acetate	4.66	43	94275	21.266	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	196862	21.434	ug/l 100
20) Methylene Chloride	4.91	84	178810	21.510	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	168968	21.507	ug/l 97
22) Diisopropyl ether	6.31	45	457376	21.612	ug/l 99
23) Vinyl Acetate	6.24	43	1278582	100.048	ug/l 100
24) 1,1-Dichloroethane	6.21	63	284382	21.303	ug/l 99
25) 2-Butanone	7.17	43	236406	100.359	ug/l 98
26) 2,2-Dichloropropane	7.16	77	157985	21.375	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	175465	21.255	ug/l 98
28) Bromochloromethane	7.51	49	86626	16.551	ug/l 97
29) Tetrahydrofuran	7.52	42	146129	100.135	ug/l 99
30) Chloroform	7.67	83	270681	21.683	ug/l 97
31) Cyclohexane	7.95	56	293735	21.172	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	217734	21.686	ug/l 99
36) 1,1-Dichloropropene	8.08	75	232290	21.813	ug/l 99
37) Ethyl Acetate	7.24	43	99904	20.685	ug/l 98
38) Carbon Tetrachloride	8.07	117	201666	21.828	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	291811	21.352	ug/l	97
40) Benzene	8.32	78	663760	22.029	ug/l	100
41) Methacrylonitrile	7.48	41	56219	20.881	ug/l	98
42) 1,2-Dichloroethane	8.39	62	168610	21.564	ug/l	99
43) Isopropyl Acetate	8.42	43	175537	20.015	ug/l	98
44) Trichloroethene	9.09	130	178269	21.865	ug/l	96
45) 1,2-Dichloropropane	9.37	63	160639	21.726	ug/l	98
46) Dibromomethane	9.45	93	77489	21.229	ug/l	99
47) Bromodichloromethane	9.64	83	193632	21.487	ug/l	99
48) Methyl methacrylate	9.43	41	85869	20.053	ug/l	98
49) 1,4-Dioxane	9.45	88	29237	428.258	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	463747	101.822	ug/l	99
52) Toluene	10.38	92	414051	21.843	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	193308	20.718	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238763	20.938	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	116498	21.853	ug/l	99
56) Ethyl methacrylate	10.64	69	141646	20.445	ug/l	99
57) 1,3-Dichloropropane	10.93	76	198798	21.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	190938	90.619	ug/l	99
59) 2-Hexanone	10.96	43	326407	104.002	ug/l	100
60) Dibromochloromethane	11.13	129	125340	20.838	ug/l	99
61) 1,2-Dibromoethane	11.23	107	104949	20.740	ug/l	99
64) Tetrachloroethene	10.86	164	163168	24.209	ug/l	99
65) Chlorobenzene	11.65	112	419813	22.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	140190	21.831	ug/l	100
67) Ethyl Benzene	11.73	91	769837	22.397	ug/l	100
68) m/p-Xylenes	11.83	106	593015	45.079	ug/l	100
69) o-Xylene	12.16	106	270117	22.229	ug/l	100
70) Styrene	12.18	104	461621	22.460	ug/l	100
71) Bromoform	12.35	173	73172	20.890	ug/l #	98
73) Isopropylbenzene	12.46	105	750720	21.691	ug/l	100
74) N-amyl acetate	12.27	43	155300	20.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	128742	20.609	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99041m	22.208	ug/l	
77) Bromobenzene	12.74	156	172567	21.468	ug/l	99
78) n-propylbenzene	12.80	91	900756	22.133	ug/l	99
79) 2-Chlorotoluene	12.89	91	505210	21.814	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	639826	22.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39422	19.695	ug/l	94
82) 4-Chlorotoluene	12.99	91	525612	21.844	ug/l	100
83) tert-Butylbenzene	13.21	119	546843	21.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	633590	21.909	ug/l	100
85) sec-Butylbenzene	13.38	105	770767	21.886	ug/l	100
86) p-Isopropyltoluene	13.49	119	707383	22.037	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	338937	21.683	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336917	21.832	ug/l	100
89) n-Butylbenzene	13.82	91	650643	21.827	ug/l	100
90) Hexachloroethane	14.09	117	116497	20.774	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	298976	21.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19068	19.275	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	198012	21.342	ug/l	99
94) Hexachlorobutadiene	15.24	225	138766	22.319	ug/l	97
95) Naphthalene	15.36	128	319192	20.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	172931	21.384	ug/l	99

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

