

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015324.D
 Acq On : 23 Apr 2020 11:43
 Operator : SY/VA
 Sample : VW0423SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:32:47 PM

Quant Time: Apr 24 07:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94763	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	94103	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.32	98	371334	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.62	95	142697	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37619	19.529	ug/l	97
3) Chloromethane	2.22	50	40229	19.178	ug/l	99
4) Vinyl Chloride	2.36	62	47044	18.992	ug/l	99
5) Bromomethane	2.75	94	39713	22.548	ug/l	93
6) Chloroethane	2.91	64	27889	18.151	ug/l	96
7) Trichlorofluoromethane	3.26	101	70596	20.141	ug/l	98
8) Diethyl Ether	3.68	74	19192	19.507	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44137	20.419	ug/l	92
10) Methyl Iodide	4.28	142	41265	18.176	ug/l	99
11) Tert butyl alcohol	5.17	59	16780	103.197	ug/l	99
12) 1,1-Dichloroethene	4.04	96	41459	19.927	ug/l	91
13) Acrolein	3.90	56	10808	126.996	ug/l	99
14) Allyl chloride	4.67	41	52216	18.918	ug/l #	84
15) Acrylonitrile	5.37	53	35344	94.398	ug/l	98
16) Acetone	4.13	43	29913	85.858	ug/l	95
17) Carbon Disulfide	4.39	76	118908	19.232	ug/l	99
18) Methyl Acetate	4.68	43	17205	18.656	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	96448	20.194	ug/l	94
20) Methylene Chloride	4.92	84	43993	19.267	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	47406	20.090	ug/l	91
22) Diisopropyl ether	6.31	45	104079	19.656	ug/l #	89
23) Vinyl Acetate	6.26	43	304521	98.004	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	73272	19.967	ug/l	97
25) 2-Butanone	7.18	43	44460	96.185	ug/l	91
26) 2,2-Dichloropropane	7.17	77	77140	19.981	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51027	20.031	ug/l	100
28) Bromochloromethane	7.51	49	26426	19.806	ug/l #	73
29) Tetrahydrofuran	7.53	42	27468	95.382	ug/l #	88
30) Chloroform	7.68	83	80620	20.355	ug/l	99
31) Cyclohexane	7.96	56	72067	19.537	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	78401	20.510	ug/l	99
36) 1,1-Dichloropropene	8.09	75	64626	20.829	ug/l	97
37) Ethyl Acetate	7.26	43	20368	20.228	ug/l #	97
38) Carbon Tetrachloride	8.07	117	71265	21.019	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82335	19.938	ug/l	95
40) Benzene	8.32	78	170754	20.603	ug/l	97
41) Methacrylonitrile	7.48	41	11157	18.467	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	50153	20.556	ug/l	100
43) Isopropyl Acetate	8.42	43	40910	19.371	ug/l	94
44) Trichloroethene	9.09	130	54530	21.510	ug/l	94
45) 1,2-Dichloropropane	9.37	63	38686	20.072	ug/l	98
46) Dibromomethane	9.46	93	22669	20.333	ug/l #	87
47) Bromodichloromethane	9.65	83	61218	20.540	ug/l	99
48) Methyl methacrylate	9.44	41	19530	19.562	ug/l	90
49) 1,4-Dioxane	9.45	88	5466	367.760	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	95711	96.544	ug/l	96
52) Toluene	10.39	92	117050	20.180	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59506	20.248	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70516	20.644	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32020	20.510	ug/l	97
56) Ethyl methacrylate	10.65	69	39120	19.451	ug/l	94
57) 1,3-Dichloropropane	10.93	76	54018	20.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	92077	98.752	ug/l #	89
59) 2-Hexanone	10.97	43	67618	95.549	ug/l	98
60) Dibromochloromethane	11.13	129	43164	20.940	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31594	20.740	ug/l	98
64) Tetrachloroethene	10.86	164	48853	21.662	ug/l	94
65) Chlorobenzene	11.66	112	129344	20.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48119	21.591	ug/l	98
67) Ethyl Benzene	11.73	91	238318	20.610	ug/l	99
68) m/p-Xylenes	11.83	106	187316	41.327	ug/l	100
69) o-Xylene	12.16	106	87625	20.712	ug/l	100
70) Styrene	12.18	104	149652	20.752	ug/l	100
71) Bromoform	12.35	173	25539	20.338	ug/l #	100
73) Isopropylbenzene	12.46	105	247928	20.211	ug/l	99
74) N-amyl acetate	12.27	43	40274	18.872	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	33571	19.275	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26329m	19.237	ug/l	
77) Bromobenzene	12.74	156	58242	20.666	ug/l	83
78) n-propylbenzene	12.80	91	281893	19.737	ug/l	96
79) 2-Chlorotoluene	12.89	91	160950	19.996	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	214844	20.332	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11898	19.003	ug/l	95
82) 4-Chlorotoluene	12.99	91	173088	20.253	ug/l	97
83) tert-Butylbenzene	13.21	119	185105	20.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	213872	20.520	ug/l	99
85) sec-Butylbenzene	13.38	105	255411	20.024	ug/l	97
86) p-Isopropyltoluene	13.50	119	242076	20.425	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117404	20.966	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	113149	20.613	ug/l	98
89) n-Butylbenzene	13.82	91	217210	20.051	ug/l	97
90) Hexachloroethane	14.09	117	43066	19.814	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	102736	21.113	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6162	19.550	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72740	21.506	ug/l	99
94) Hexachlorobutadiene	15.23	225	48827	21.653	ug/l	98
95) Naphthalene	15.36	128	108573	19.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59851	21.749	ug/l	97

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

