

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013712.D
 Acq On : 24 Oct 2019 15:51
 Operator : SY/VA
 Sample : VW1024SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:47:22 PM

Quant Time: Oct 25 08:08:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	330063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	204098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127595	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.88	113	136220	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.32	98	560259	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	184035	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37776	21.725	ug/l	95
3) Chloromethane	2.21	50	41685	22.306	ug/l	97
4) Vinyl Chloride	2.37	62	64345	22.799	ug/l	95
5) Bromomethane	2.78	94	39416	21.236	ug/l	100
6) Chloroethane	2.92	64	36038	21.103	ug/l	95
7) Trichlorofluoromethane	3.26	101	37886	21.492	ug/l	92
8) Diethyl Ether	3.68	74	27993	19.655	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	60171	20.997	ug/l	98
10) Methyl Iodide	4.28	142	95842	20.524	ug/l	99
11) Tert butyl alcohol	5.18	59	14373m	97.238	ug/l	
12) 1,1-Dichloroethene	4.04	96	62892	21.246	ug/l	95
13) Acrolein	3.90	56	13019	76.879	ug/l	94
14) Allyl chloride	4.67	41	92229	20.262	ug/l	99
15) Acrylonitrile	5.37	53	56053	96.792	ug/l	98
16) Acetone	4.13	43	45635	86.925	ug/l	96
17) Carbon Disulfide	4.38	76	179337	21.095	ug/l	99
18) Methyl Acetate	4.68	43	28751	19.978	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	70811	19.934	ug/l	99
20) Methylene Chloride	4.92	84	70708	21.801	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	66235	20.789	ug/l	99
22) Diisopropyl ether	6.31	45	165900	19.981	ug/l	99
23) Vinyl Acetate	6.25	43	460184	95.521	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106866	20.323	ug/l	99
25) 2-Butanone	7.17	43	69465	92.034	ug/l	95
26) 2,2-Dichloropropane	7.17	77	63721	20.956	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	68810	20.334	ug/l	98
28) Bromochloromethane	7.51	49	26929	15.329	ug/l #	100
29) Tetrahydrofuran	7.53	42	43809	93.752	ug/l	99
30) Chloroform	7.67	83	106102	20.412	ug/l	98
31) Cyclohexane	7.96	56	112629	20.467	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	85102	20.863	ug/l	98
36) 1,1-Dichloropropene	8.08	75	90836	21.145	ug/l	99
37) Ethyl Acetate	7.25	43	30959	18.826	ug/l	99
38) Carbon Tetrachloride	8.06	117	82840	21.414	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	114447	20.630	ug/l	97
40) Benzene	8.32	78	250824	20.631	ug/l	98
41) Methacrylonitrile	7.48	41	18449	17.991	ug/l	97
42) 1,2-Dichloroethane	8.40	62	64311	20.992	ug/l	100
43) Isopropyl Acetate	8.42	43	60384	19.183	ug/l	99
44) Trichloroethene	9.09	130	73999	21.249	ug/l	97
45) 1,2-Dichloropropane	9.37	63	58192	20.039	ug/l	97
46) Dibromomethane	9.46	93	29388	20.851	ug/l	96
47) Bromodichloromethane	9.65	83	73327	20.107	ug/l	96
48) Methyl methacrylate	9.43	41	29943	19.182	ug/l	98
49) 1,4-Dioxane	9.47	88	7899	379.268	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	145645	93.114	ug/l	99
52) Toluene	10.38	92	163716	20.877	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71626	19.402	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	91507	20.090	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42401	20.186	ug/l	97
56) Ethyl methacrylate	10.65	69	49609	18.877	ug/l	94
57) 1,3-Dichloropropane	10.93	76	72301	20.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	115192	95.239	ug/l	98
59) 2-Hexanone	10.97	43	97968	90.852	ug/l	100
60) Dibromochloromethane	11.13	129	49941	20.025	ug/l	99
61) 1,2-Dibromoethane	11.23	107	39023	19.637	ug/l	99
64) Tetrachloroethene	10.86	164	62031	20.441	ug/l	99
65) Chlorobenzene	11.66	112	166901	20.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57938	20.340	ug/l	99
67) Ethyl Benzene	11.73	91	302569	20.559	ug/l	99
68) m/p-Xylenes	11.83	106	236612	41.613	ug/l	97
69) o-Xylene	12.16	106	107305	20.531	ug/l	96
70) Styrene	12.18	104	183644	20.451	ug/l	99
71) Bromoform	12.35	173	29289	19.594	ug/l #	99
73) Isopropylbenzene	12.46	105	302008	20.605	ug/l	100
74) N-amyl acetate	12.27	43	52911	18.662	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44974	19.445	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29147m	19.886	ug/l	
77) Bromobenzene	12.74	156	70758	20.209	ug/l	99
78) n-propylbenzene	12.80	91	355852	20.976	ug/l	99
79) 2-Chlorotoluene	12.89	91	197071	20.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	253334	20.475	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14095	18.174	ug/l	99
82) 4-Chlorotoluene	12.99	91	205979	20.580	ug/l	98
83) tert-Butylbenzene	13.21	119	224268	20.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	253588	20.777	ug/l	99
85) sec-Butylbenzene	13.38	105	312614	20.815	ug/l	99
86) p-Isopropyltoluene	13.50	119	289468	20.691	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	138552	20.424	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135094	20.045	ug/l	97
89) n-Butylbenzene	13.82	91	260930	20.663	ug/l	100
90) Hexachloroethane	14.09	117	49365	20.301	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	119551	20.324	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6665	19.056	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	85217	19.907	ug/l	99
94) Hexachlorobutadiene	15.24	225	59813	20.697	ug/l	99
95) Naphthalene	15.36	128	125948	18.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	72164	19.564	ug/l	97

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

