

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010684.D
 Acq On : 05 Jun 2019 11:31
 Operator : SY/VA
 Sample : VW0605SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:39 AM

Quant Time: Jun 05 15:28:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173152	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	7.88	113	138537	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.32	98	596544	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.62	95	209162	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	55266	21.032	ug/l	100
3) Chloromethane	2.21	50	76835	19.874	ug/l	98
4) Vinyl Chloride	2.35	62	72841	20.392	ug/l	97
5) Bromomethane	2.76	94	41655	21.236	ug/l	98
6) Chloroethane	2.91	64	43281	20.186	ug/l	99
7) Trichlorofluoromethane	3.25	101	100119	21.592	ug/l	99
8) Diethyl Ether	3.68	74	30939	18.671	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60234	21.129	ug/l	100
10) Methyl Iodide	4.26	142	44447	18.481	ug/l	100
11) Tert butyl alcohol	5.18	59	19518	71.481	ug/l	98
12) 1,1-Dichloroethene	4.03	96	57282	20.830	ug/l	98
13) Acrolein	3.90	56	10002	89.641	ug/l	99
14) Allyl chloride	4.67	41	127425	21.015	ug/l	98
15) Acrylonitrile	5.37	53	68281	84.820	ug/l	100
16) Acetone	4.13	43	68883	76.701	ug/l	97
17) Carbon Disulfide	4.37	76	182101	20.860	ug/l	100
18) Methyl Acetate	4.67	43	33680	17.422	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	147740	18.628	ug/l	99
20) Methylene Chloride	4.92	84	62740	19.914	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	65126	20.862	ug/l	99
22) Diisopropyl ether	6.31	45	244850	20.170	ug/l	99
23) Vinyl Acetate	6.25	43	687742	93.878	ug/l	100
24) 1,1-Dichloroethane	6.21	63	126521	20.798	ug/l	99
25) 2-Butanone	7.17	43	100999	81.104	ug/l	99
26) 2,2-Dichloropropane	7.16	77	108938	22.006	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	69818	20.322	ug/l	99
28) Bromochloromethane	7.51	49	55896	20.589	ug/l	98
29) Tetrahydrofuran	7.53	42	63053	80.498	ug/l	99
30) Chloroform	7.67	83	115304	20.722	ug/l	99
31) Cyclohexane	7.95	56	141278	20.891	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	102902	21.170	ug/l	99
36) 1,1-Dichloropropene	8.08	75	101596	21.405	ug/l	99
37) Ethyl Acetate	7.25	43	42574	16.187	ug/l	100
38) Carbon Tetrachloride	8.07	117	88703	21.649	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	126455	20.958	ug/l	99
40) Benzene	8.32	78	267686	20.673	ug/l	99
41) Methacrylonitrile	7.49	41	29624	18.949	ug/l	94
42) 1,2-Dichloroethane	8.40	62	82008	19.955	ug/l	100
43) Isopropyl Acetate	8.42	43	87966	17.311	ug/l	98
44) Trichloroethene	9.09	130	66181	20.720	ug/l	97
45) 1,2-Dichloropropane	9.37	63	69546	20.290	ug/l	99
46) Dibromomethane	9.46	93	30305	19.035	ug/l	99
47) Bromodichloromethane	9.64	83	83579	20.252	ug/l	98
48) Methyl methacrylate	9.44	41	42387	17.301	ug/l	99
49) 1,4-Dioxane	9.46	88	7329	294.443	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	217187	83.664	ug/l	100
52) Toluene	10.39	92	164051	20.591	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	85834	19.636	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	103537	20.129	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42909	18.709	ug/l	99
56) Ethyl methacrylate	10.65	69	62411	17.685	ug/l	97
57) 1,3-Dichloropropane	10.93	76	82274	19.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	177325	95.931	ug/l	100
59) 2-Hexanone	10.97	43	151814	80.918	ug/l	99
60) Dibromochloromethane	11.13	129	48997	19.272	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39752	18.293	ug/l	100
64) Tetrachloroethene	10.86	164	54826	20.639	ug/l	94
65) Chlorobenzene	11.66	112	164132	20.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	55959	20.546	ug/l	99
67) Ethyl Benzene	11.73	91	320595	21.202	ug/l	100
68) m/p-Xylenes	11.84	106	228024	42.127	ug/l	99
69) o-Xylene	12.16	106	106254	20.698	ug/l	97
70) Styrene	12.18	104	183771	20.607	ug/l	99
71) Bromoform	12.35	173	26210	18.608	ug/l #	100
73) Isopropylbenzene	12.46	105	303087	21.662	ug/l	99
74) N-amyl acetate	12.27	43	79646	17.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48471	18.197	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35041m	17.921	ug/l	
77) Bromobenzene	12.75	156	63670	20.847	ug/l	98
78) n-propylbenzene	12.80	91	365755	21.679	ug/l	100
79) 2-Chlorotoluene	12.90	91	206543	21.428	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	244978	21.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15362	18.057	ug/l	97
82) 4-Chlorotoluene	12.99	91	211515	21.264	ug/l	99
83) tert-Butylbenzene	13.21	119	209386	21.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	245145	21.272	ug/l	99
85) sec-Butylbenzene	13.38	105	304765	21.536	ug/l	100
86) p-Isopropyltoluene	13.50	119	268777	21.239	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	123759	21.012	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	120377	20.616	ug/l	99
89) n-Butylbenzene	13.82	91	269520	21.346	ug/l	100
90) Hexachloroethane	14.10	117	48474	21.389	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	106130	20.037	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7880	17.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	73818	19.860	ug/l	98
94) Hexachlorobutadiene	15.24	225	50127	21.488	ug/l	96
95) Naphthalene	15.37	128	118955	17.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61336	19.403	ug/l	100

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

