

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010655.D
 Acq On : 03 Jun 2019 13:15
 Operator : SY/VA
 Sample : VW0603SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:12:51 PM

Quant Time: Jun 04 07:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	89261	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.88	113	94556	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.32	98	357585	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	138209	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	24388	14.541	ug/l 100
3) Chloromethane	2.21	50	26575	13.618	ug/l 98
4) Vinyl Chloride	2.35	62	31733	14.039	ug/l 96
5) Bromomethane	2.75	94	24818	15.960	ug/l 98
6) Chloroethane	2.90	64	23551	16.231	ug/l 99
7) Trichlorofluoromethane	3.25	101	63840	19.130	ug/l 98
8) Diethyl Ether	3.68	74	20120	19.020	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41125	20.011	ug/l 95
10) Methyl Iodide	4.26	142	34252	14.581	ug/l 99
11) Tert butyl alcohol	5.17	59	17120	99.283	ug/l 96
12) 1,1-Dichloroethene	4.03	96	37009	18.865	ug/l 96
13) Acrolein	3.89	56	8218	65.306	ug/l 98
14) Allyl chloride	4.67	41	51382	18.094	ug/l 99
15) Acrylonitrile	5.37	53	40020	90.333	ug/l 99
16) Acetone	4.12	43	35104	89.708	ug/l 94
17) Carbon Disulfide	4.38	76	89545	15.303	ug/l 100
18) Methyl Acetate	4.67	43	19092	19.949	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	97120	19.419	ug/l 95
20) Methylene Chloride	4.91	84	42842	15.121	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	43364	19.271	ug/l 95
22) Diisopropyl ether	6.31	45	111097	19.080	ug/l 97
23) Vinyl Acetate	6.26	43	316106	90.883	ug/l 98
24) 1,1-Dichloroethane	6.21	63	67934	19.551	ug/l 95
25) 2-Butanone	7.17	43	54314	96.989	ug/l 97
26) 2,2-Dichloropropane	7.17	77	66287	20.027	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	48886	19.983	ug/l 98
28) Bromochloromethane	7.51	49	24222	19.470	ug/l 88
29) Tetrahydrofuran	7.53	42	33064	87.254	ug/l 99
30) Chloroform	7.68	83	74605	19.905	ug/l 96
31) Cyclohexane	7.95	56	64638	17.759	ug/l # 90
32) 1,1,1-Trichloroethane	7.87	97	71237	19.886	ug/l 98
36) 1,1-Dichloropropene	8.08	75	57941	21.128	ug/l 98
37) Ethyl Acetate	7.25	43	23242	19.930	ug/l 97
38) Carbon Tetrachloride	8.07	117	64406	21.771	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76232	20.748	ug/l	96
40) Benzene	8.32	78	163147	21.404	ug/l	98
41) Methacrylonitrile	7.48	41	12975	18.725	ug/l	97
42) 1,2-Dichloroethane	8.40	62	46490	21.340	ug/l	100
43) Isopropyl Acetate	8.43	43	46266	19.858	ug/l	99
44) Trichloroethene	9.09	130	50503	22.318	ug/l	96
45) 1,2-Dichloropropane	9.37	63	38368	21.194	ug/l	97
46) Dibromomethane	9.46	93	23360	22.065	ug/l	96
47) Bromodichloromethane	9.65	83	55508	20.864	ug/l	99
48) Methyl methacrylate	9.44	41	21351	20.032	ug/l	97
49) 1,4-Dioxane	9.45	88	6061	350.460	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	115623	97.939	ug/l	98
52) Toluene	10.39	92	112582	21.993	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55303	20.525	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64931	21.101	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34020	22.346	ug/l	94
56) Ethyl methacrylate	10.65	69	40802	19.433	ug/l	98
57) 1,3-Dichloropropane	10.93	76	54878	21.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	94921	102.066	ug/l	96
59) 2-Hexanone	10.97	43	82781	98.297	ug/l	99
60) Dibromochloromethane	11.13	129	41478	21.527	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33064	21.440	ug/l	100
64) Tetrachloroethene	10.86	164	42901	23.485	ug/l	96
65) Chlorobenzene	11.66	112	125850	22.534	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46128	23.057	ug/l	100
67) Ethyl Benzene	11.73	91	213569	21.659	ug/l	100
68) m/p-Xylenes	11.84	106	170205	44.009	ug/l	98
69) o-Xylene	12.16	106	79711	21.754	ug/l	99
70) Styrene	12.18	104	135293	21.761	ug/l	99
71) Bromoform	12.35	173	22997	20.874	ug/l	# 99
73) Isopropylbenzene	12.46	105	218515	21.106	ug/l	99
74) N-amyl acetate	12.27	43	42052	17.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	37221	19.766	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	25485m	19.244	ug/l	
77) Bromobenzene	12.75	156	53195	22.960	ug/l	93
78) n-propylbenzene	12.80	91	245816	20.374	ug/l	98
79) 2-Chlorotoluene	12.90	91	144087	20.593	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	179246	20.442	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11162	17.590	ug/l	95
82) 4-Chlorotoluene	12.99	91	149682	20.610	ug/l	97
83) tert-Butylbenzene	13.21	119	161063	21.029	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	180491	20.668	ug/l	100
85) sec-Butylbenzene	13.38	105	222177	20.728	ug/l	99
86) p-Isopropyltoluene	13.50	119	202758	20.899	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101451	22.319	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100886	22.122	ug/l	99
89) n-Butylbenzene	13.83	91	184006	19.940	ug/l	99
90) Hexachloroethane	14.10	117	38378	20.437	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	91636	22.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6380	18.221	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	60462	21.456	ug/l	98
94) Hexachlorobutadiene	15.24	225	34928	23.202	ug/l	99
95) Naphthalene	15.37	128	115042	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	53270	21.970	ug/l	100

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

