

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010868.D
 Acq On : 20 Jun 2019 01:21
 Operator : SY/VA
 Sample : VW0619SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 12:00:27 PM

Quant Time: Jun 20 07:09:55 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	231314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159947	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
35) Dibromofluoromethane	7.88	113	120059	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
50) Toluene-d8	10.32	98	492301	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.62	95	187804	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	41035	19.197	ug/l	98
3) Chloromethane	2.21	50	67893	21.588	ug/l	99
4) Vinyl Chloride	2.36	62	57089	19.648	ug/l	99
5) Bromomethane	2.74	94	35208	22.065	ug/l	96
6) Chloroethane	2.90	64	35887	20.576	ug/l	95
7) Trichlorofluoromethane	3.25	101	77127	20.448	ug/l	98
8) Diethyl Ether	3.68	74	30261	22.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	45873	19.782	ug/l	98
10) Methyl Iodide	4.26	142	32915	17.255	ug/l	97
11) Tert butyl alcohol	5.17	59	47300	212.952	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	46091	20.604	ug/l	99
13) Acrolein	3.90	56	4623	50.934	ug/l	86
14) Allyl chloride	4.66	41	106297	21.551	ug/l	98
15) Acrylonitrile	5.37	53	77496	118.343	ug/l	99
16) Acetone	4.12	43	77980	106.743	ug/l	99
17) Carbon Disulfide	4.37	76	130415	18.365	ug/l	99
18) Methyl Acetate	4.67	43	48534	30.863	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	149411	23.158	ug/l	95
20) Methylene Chloride	4.91	84	56788	22.158	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	54117	21.311	ug/l	98
22) Diisopropyl ether	6.31	45	233479	23.644	ug/l	98
23) Vinyl Acetate	6.26	43	612352	102.755	ug/l	100
24) 1,1-Dichloroethane	6.21	63	113468	22.929	ug/l	99
25) 2-Butanone	7.17	43	122983	121.405	ug/l	96
26) 2,2-Dichloropropane	7.17	77	82644	20.523	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63055	22.563	ug/l	95
28) Bromochloromethane	7.51	49	52902	23.954	ug/l	94
29) Tetrahydrofuran	7.53	42	75503	118.498	ug/l	99
30) Chloroform	7.68	83	103622	22.893	ug/l	98
31) Cyclohexane	7.95	56	108802	19.778	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	85237	21.557	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81565	20.093	ug/l	99
37) Ethyl Acetate	7.26	43	51044	22.691	ug/l	100
38) Carbon Tetrachloride	8.07	117	69731	19.899	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	94643	18.340	ug/l	96
40) Benzene	8.32	78	237727	21.467	ug/l	100
41) Methacrylonitrile	7.48	41	33311	24.913	ug/l	89
42) 1,2-Dichloroethane	8.40	62	80598	22.931	ug/l	98
43) Isopropyl Acetate	8.43	43	97935	22.535	ug/l	98
44) Trichloroethene	9.09	130	57104	20.904	ug/l	97
45) 1,2-Dichloropropane	9.37	63	65299	22.275	ug/l	97
46) Dibromomethane	9.46	93	30067	22.082	ug/l	99
47) Bromodichloromethane	9.65	83	75273	21.327	ug/l	96
48) Methyl methacrylate	9.44	41	46234	22.065	ug/l	96
49) 1,4-Dioxane	9.45	88	9969	468.289	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	260361	117.271	ug/l	98
52) Toluene	10.38	92	144301	21.178	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	75893	20.301	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	90630	20.602	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43196	22.022	ug/l	99
56) Ethyl methacrylate	10.65	69	67358	22.317	ug/l	97
57) 1,3-Dichloropropane	10.93	76	83795	22.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	174067	110.106	ug/l	99
59) 2-Hexanone	10.97	43	177336	110.519	ug/l	97
60) Dibromochloromethane	11.13	129	44824	20.614	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40672	21.884	ug/l	97
64) Tetrachloroethene	10.86	164	58810	24.506	ug/l	99
65) Chlorobenzene	11.66	112	148683	20.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	51519	20.938	ug/l	100
67) Ethyl Benzene	11.73	91	279577	20.466	ug/l	98
68) m/p-Xylenes	11.84	106	201339	41.174	ug/l	98
69) o-Xylene	12.16	106	95407	20.572	ug/l	95
70) Styrene	12.18	104	167820	20.830	ug/l	98
71) Bromoform	12.35	173	25134	19.751	ug/l #	100
73) Isopropylbenzene	12.46	105	261864	19.626	ug/l	99
74) N-amyl acetate	12.27	43	90624	21.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	52497	20.667	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39005m	20.919	ug/l	
77) Bromobenzene	12.75	156	59567	20.452	ug/l	97
78) n-propylbenzene	12.80	91	319396	19.852	ug/l	100
79) 2-Chlorotoluene	12.90	91	190766	20.754	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	223183	20.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13549	16.701	ug/l	92
82) 4-Chlorotoluene	12.99	91	196113	20.675	ug/l	99
83) tert-Butylbenzene	13.21	119	186750	20.149	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	225588	20.527	ug/l	99
85) sec-Butylbenzene	13.38	105	260782	19.325	ug/l	100
86) p-Isopropyltoluene	13.50	119	233201	19.324	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	116657	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115329	20.712	ug/l	99
89) n-Butylbenzene	13.83	91	233984	19.433	ug/l	100
90) Hexachloroethane	14.10	117	40852	18.903	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	105961	20.978	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9070	20.794	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72386	20.422	ug/l	100
94) Hexachlorobutadiene	15.24	225	43819	19.698	ug/l	98
95) Naphthalene	15.37	128	128726	19.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	62739	20.813	ug/l	98

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

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