

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011053.D
 Acq On : 28 Jun 2019 11:39
 Operator : SY/VA
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 12:53:00 AM

Quant Time: Jun 29 02:04:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147144	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	112880	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	478936	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	171914	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38706	22.832	ug/l	93
3) Chloromethane	2.21	50	47369	20.844	ug/l	98
4) Vinyl Chloride	2.36	62	62348	21.071	ug/l	99
5) Bromomethane	2.77	94	30323	20.588	ug/l	98
6) Chloroethane	2.92	64	31377	20.113	ug/l	99
7) Trichlorofluoromethane	3.25	101	17723	20.382	ug/l	97
8) Diethyl Ether	3.68	74	26907	19.539	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48875	19.985	ug/l	100
10) Methyl Iodide	4.28	142	67148	19.625	ug/l	99
11) Tert butyl alcohol	5.17	59	16754	78.470	ug/l	99
12) 1,1-Dichloroethene	4.04	96	50398	19.798	ug/l	96
13) Acrolein	3.89	56	14713	88.368	ug/l	96
14) Allyl chloride	4.66	41	80290	19.597	ug/l	99
15) Acrylonitrile	5.36	53	62859	92.692	ug/l	99
16) Acetone	4.12	43	64434	89.793	ug/l	99
17) Carbon Disulfide	4.38	76	139610	19.332	ug/l	99
18) Methyl Acetate	4.67	43	36293	19.525	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70264	19.502	ug/l	96
20) Methylene Chloride	4.92	84	55047	18.881	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51318	19.564	ug/l	98
22) Diisopropyl ether	6.31	45	192878	19.563	ug/l	99
23) Vinyl Acetate	6.25	43	567719	93.454	ug/l	99
24) 1,1-Dichloroethane	6.21	63	101750	19.552	ug/l	99
25) 2-Butanone	7.17	43	97528	89.414	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50025	18.514	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54700	19.368	ug/l	100
28) Bromochloromethane	7.51	49	44665	18.436	ug/l	99
29) Tetrahydrofuran	7.52	42	61516	90.598	ug/l	99
30) Chloroform	7.67	83	91820	19.421	ug/l	99
31) Cyclohexane	7.95	56	111388	19.808	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	69939	19.796	ug/l	99
36) 1,1-Dichloropropene	8.08	75	79420	20.003	ug/l	99
37) Ethyl Acetate	7.25	43	42664	18.471	ug/l	98
38) Carbon Tetrachloride	8.06	117	63981	19.568	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97684	19.992	ug/l	95
40) Benzene	8.32	78	217675	19.933	ug/l	98
41) Methacrylonitrile	7.48	41	25026	17.809	ug/l	95
42) 1,2-Dichloroethane	8.40	62	70010	19.553	ug/l	100
43) Isopropyl Acetate	8.42	43	80357	18.391	ug/l	98
44) Trichloroethene	9.09	130	51812	19.632	ug/l	97
45) 1,2-Dichloropropane	9.37	63	58272	19.650	ug/l	95
46) Dibromomethane	9.46	93	26276	18.946	ug/l	98
47) Bromodichloromethane	9.65	83	65201	18.988	ug/l	99
48) Methyl methacrylate	9.43	41	39494	18.642	ug/l	100
49) 1,4-Dioxane	9.45	88	8022	344.009	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	211537	91.972	ug/l	100
52) Toluene	10.38	92	132023	19.747	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66513	18.597	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82150	19.255	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37203	18.987	ug/l	98
56) Ethyl methacrylate	10.65	69	54472	18.565	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70785	18.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	136419	91.890	ug/l	98
59) 2-Hexanone	10.97	43	146947	91.615	ug/l	100
60) Dibromochloromethane	11.13	129	37840	18.416	ug/l	100
61) 1,2-Dibromoethane	11.23	107	35057	19.111	ug/l	98
64) Tetrachloroethene	10.86	164	44009	19.837	ug/l	98
65) Chlorobenzene	11.66	112	133068	20.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43481	19.407	ug/l	99
67) Ethyl Benzene	11.73	91	256076	20.261	ug/l	100
68) m/p-Xylenes	11.84	106	184693	40.271	ug/l	99
69) o-Xylene	12.16	106	86289	20.200	ug/l	100
70) Styrene	12.18	104	150345	20.254	ug/l	99
71) Bromoform	12.35	173	20080	18.384	ug/l #	99
73) Isopropylbenzene	12.46	105	241586	20.410	ug/l	100
74) N-amyl acetate	12.27	43	76384	19.215	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44984	19.353	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	32246m	19.331	ug/l	
77) Bromobenzene	12.75	156	53260	20.471	ug/l	96
78) n-propylbenzene	12.80	91	300942	20.531	ug/l	99
79) 2-Chlorotoluene	12.89	91	170297	20.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	205908	20.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12361	18.576	ug/l	94
82) 4-Chlorotoluene	12.99	91	178069	20.405	ug/l	100
83) tert-Butylbenzene	13.21	119	170947	20.434	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	207165	20.430	ug/l	99
85) sec-Butylbenzene	13.38	105	249905	20.563	ug/l	100
86) p-Isopropyltoluene	13.50	119	224324	20.511	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104492	20.304	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103299	20.107	ug/l	100
89) n-Butylbenzene	13.82	91	227659	20.481	ug/l	100
90) Hexachloroethane	14.10	117	36205	19.348	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	92598	20.033	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7375	18.670	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	66775	20.533	ug/l	99
94) Hexachlorobutadiene	15.24	225	41061	20.817	ug/l	99
95) Naphthalene	15.37	128	121932	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58545	20.161	ug/l	98

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

