

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012919\
 Data File : VW008444.D
 Acq On : 29 Jan 2019 11:42
 Operator : SY/VA
 Sample : VW0129SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2019 9:39:40 AM

Quant Time: Jan 30 01:16:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	437018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	644910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	566844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	282517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	192377	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	7.88	113	195550	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.32	98	771076	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	277436	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	35057	16.231	ug/l	97
3) Chloromethane	2.21	50	52672	14.765	ug/l	99
4) Vinyl Chloride	2.36	62	77473	17.061	ug/l	99
5) Bromomethane	2.78	94	55301	18.881	ug/l	94
6) Chloroethane	2.93	64	51474	18.535	ug/l	99
7) Trichlorofluoromethane	3.26	101	57950	18.010	ug/l	99
8) Diethyl Ether	3.67	74	36574	16.782	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.05	101	72563	18.358	ug/l	97
10) Methyl Iodide	4.26	142	117058	18.750	ug/l	98
11) Tert butyl alcohol	5.17	59	24546	71.012	ug/l	99
12) 1,1-Dichloroethene	4.03	96	73687	18.421	ug/l	96
13) Acrolein	3.89	56	28477	95.998	ug/l	99
14) Allyl chloride	4.67	41	122340	16.106	ug/l	97
15) Acrylonitrile	5.36	53	70066	74.452	ug/l	97
16) Acetone	4.12	43	73876	76.625	ug/l	93
17) Carbon Disulfide	4.37	76	220095	17.228	ug/l	99
18) Methyl Acetate	4.66	43	35845	13.939	ug/l	91
19) Methyl tert-butyl Ether	5.42	73	107910	16.305	ug/l	100
20) Methylene Chloride	4.90	84	84040	18.912	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	81812	18.192	ug/l	89
22) Diisopropyl ether	6.31	45	222280	15.441	ug/l	93
23) Vinyl Acetate	6.25	43	627197	73.784	ug/l	98
24) 1,1-Dichloroethane	6.21	63	136319	16.729	ug/l	99
25) 2-Butanone	7.17	43	95953	71.652	ug/l	100
26) 2,2-Dichloropropane	7.16	77	97824	17.760	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	82900	16.914	ug/l	98
28) Bromochloromethane	7.51	49	62183	16.614	ug/l	95
29) Tetrahydrofuran	7.52	42	59272	69.845	ug/l	95
30) Chloroform	7.67	83	135299	16.881	ug/l	92
31) Cyclohexane	7.95	56	138492	16.437	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	123466	17.835	ug/l	98
36) 1,1-Dichloropropene	8.08	75	113733	18.670	ug/l	98
37) Ethyl Acetate	7.25	43	42377	15.723	ug/l	97
38) Carbon Tetrachloride	8.06	117	119030	19.417	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	148800	18.594	ug/l	95
40) Benzene	8.32	78	306936	18.157	ug/l	99
41) Methacrylonitrile	7.48	41	25666	16.083	ug/l	93
42) 1,2-Dichloroethane	8.40	62	83806	17.107	ug/l	97
43) Isopropyl Acetate	8.42	43	84948	15.171	ug/l	96
44) Trichloroethene	9.09	130	87397	19.012	ug/l	97
45) 1,2-Dichloropropane	9.37	63	73737	17.494	ug/l	98
46) Dibromomethane	9.46	93	37573	17.332	ug/l	95
47) Bromodichloromethane	9.65	83	100779	17.576	ug/l	98
48) Methyl methacrylate	9.43	41	40816	14.908	ug/l	96
49) 1,4-Dioxane	9.44	88	12874	351.330	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	206730	74.732	ug/l	99
52) Toluene	10.38	92	202411	18.139	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	101760	16.678	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	120318	17.376	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	52411	17.430	ug/l	94
56) Ethyl methacrylate	10.65	69	64626	15.338	ug/l	97
57) 1,3-Dichloropropane	10.93	76	91268	16.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	175729	85.840	ug/l	96
59) 2-Hexanone	10.97	43	147096	75.322	ug/l	99
60) Dibromochloromethane	11.13	129	66797	17.286	ug/l	100
61) 1,2-Dibromoethane	11.23	107	51136	17.151	ug/l	100
64) Tetrachloroethene	10.87	164	74687	19.460	ug/l	98
65) Chlorobenzene	11.66	112	218033	18.843	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	77556	18.733	ug/l	100
67) Ethyl Benzene	11.73	91	391693	18.415	ug/l	99
68) m/p-Xylenes	11.84	106	305989	37.078	ug/l	96
69) o-Xylene	12.17	106	143592	18.312	ug/l	97
70) Styrene	12.18	104	226941	17.522	ug/l	97
71) Bromoform	12.35	173	39294	16.869	ug/l #	99
73) Isopropylbenzene	12.47	105	397636	18.879	ug/l	98
74) N-amyl acetate	12.27	43	83134	15.321	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	57195	17.152	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	49252m	20.051	ug/l	
77) Bromobenzene	12.75	156	87803	19.088	ug/l	92
78) n-propylbenzene	12.80	91	474853	18.771	ug/l	98
79) 2-Chlorotoluene	12.90	91	266296	18.655	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	328748	18.674	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	20205	16.247	ug/l	95
82) 4-Chlorotoluene	12.99	91	272795	17.949	ug/l	95
83) tert-Butylbenzene	13.21	119	303050	19.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	333136	18.618	ug/l	100
85) sec-Butylbenzene	13.39	105	425278	19.009	ug/l	99
86) p-Isopropyltoluene	13.50	119	374428	19.106	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	177303	19.086	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	176024	19.066	ug/l	100
89) n-Butylbenzene	13.83	91	357514	18.580	ug/l	99
90) Hexachloroethane	14.10	117	72296	18.864	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	154820	18.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10539	16.657	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	113200	19.299	ug/l	100
94) Hexachlorobutadiene	15.24	225	71172	20.133	ug/l	99
95) Naphthalene	15.37	128	183920	17.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	94675	19.027	ug/l	100

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

