

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008331.D
 Acq On : 17 Jan 2019 16:39
 Operator : SY/VA
 Sample : VW0117SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:10:03 PM

Quant Time: Jan 18 01:28:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	179115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54403	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	56847	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.32	98	233438	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	80126	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13004	18.787	ug/l	99
3) Chloromethane	2.21	50	18422	18.155	ug/l	95
4) Vinyl Chloride	2.37	62	25512	19.678	ug/l	90
5) Bromomethane	2.78	94	18783	19.117	ug/l	92
6) Chloroethane	2.93	64	16810	19.809	ug/l	89
7) Trichlorofluoromethane	3.26	101	16824	17.673	ug/l	92
8) Diethyl Ether	3.67	74	11807	17.886	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21683	19.564	ug/l	94
10) Methyl Iodide	4.26	142	32651	18.267	ug/l	99
11) Tert butyl alcohol	5.17	59	7356	95.605	ug/l	100
12) 1,1-Dichloroethene	4.03	96	21692	19.244	ug/l	90
13) Acrolein	3.89	56	4694	64.851	ug/l	96
14) Allyl chloride	4.67	41	34473	18.294	ug/l	99
15) Acrylonitrile	5.37	53	22041	86.922	ug/l	98
16) Acetone	4.12	43	22862	86.146	ug/l	98
17) Carbon Disulfide	4.37	76	60069	17.513	ug/l	100
18) Methyl Acetate	4.67	43	12387	17.473	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	30116	17.453	ug/l	94
20) Methylene Chloride	4.91	84	25689	18.636	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	23312	18.414	ug/l	87
22) Diisopropyl ether	6.31	45	69591	18.916	ug/l	99
23) Vinyl Acetate	6.26	43	172730	87.832	ug/l	100
24) 1,1-Dichloroethane	6.21	63	41938	18.722	ug/l	98
25) 2-Butanone	7.17	43	28679	84.373	ug/l	97
26) 2,2-Dichloropropane	7.17	77	28209	19.733	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	25704	18.739	ug/l	98
28) Bromochloromethane	7.51	49	15884	17.211	ug/l #	97
29) Tetrahydrofuran	7.53	42	17958	84.746	ug/l	99
30) Chloroform	7.67	83	42500	19.176	ug/l	98
31) Cyclohexane	7.95	56	39412	18.466	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	36055	19.384	ug/l	97
36) 1,1-Dichloropropene	8.08	75	33994	18.864	ug/l	100
37) Ethyl Acetate	7.25	43	12400	16.686	ug/l	97
38) Carbon Tetrachloride	8.07	117	32122	18.052	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	39232	18.302	ug/l	94
40) Benzene	8.32	78	95693	18.746	ug/l	99
41) Methacrylonitrile	7.48	41	7322	16.926	ug/l	95
42) 1,2-Dichloroethane	8.40	62	26234	18.379	ug/l	100
43) Isopropyl Acetate	8.42	43	23528	16.761	ug/l	99
44) Trichloroethene	9.09	130	26224	18.751	ug/l	96
45) 1,2-Dichloropropane	9.37	63	23628	18.634	ug/l	99
46) Dibromomethane	9.46	93	11917	18.033	ug/l	95
47) Bromodichloromethane	9.64	83	30352	18.620	ug/l	98
48) Methyl methacrylate	9.43	41	10686	16.171	ug/l	94
49) 1,4-Dioxane	9.45	88	3673	345.254	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	59304	83.436	ug/l	100
52) Toluene	10.39	92	61026	18.891	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	28481	17.506	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	35173	18.339	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	16535	18.039	ug/l	94
56) Ethyl methacrylate	10.65	69	18030	16.749	ug/l	94
57) 1,3-Dichloropropane	10.93	76	29007	18.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	48808	93.997	ug/l	100
59) 2-Hexanone	10.97	43	41139	82.606	ug/l	98
60) Dibromochloromethane	11.13	129	19702	18.010	ug/l	98
61) 1,2-Dibromoethane	11.23	107	15299	17.236	ug/l	96
64) Tetrachloroethene	10.86	164	20757	18.072	ug/l	99
65) Chlorobenzene	11.66	112	66664	18.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22657	18.424	ug/l	98
67) Ethyl Benzene	11.73	91	117731	18.977	ug/l	97
68) m/p-Xylenes	11.84	106	93549	38.849	ug/l	98
69) o-Xylene	12.17	106	42097	18.712	ug/l	99
70) Styrene	12.18	104	68785	19.035	ug/l	99
71) Bromoform	12.35	173	10567	17.249	ug/l #	97
73) Isopropylbenzene	12.47	105	116782	19.377	ug/l	100
74) N-amyl acetate	12.27	43	21824	16.897	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18336	17.886	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13450m	17.856	ug/l	
77) Bromobenzene	12.75	156	26733	18.466	ug/l	97
78) n-propylbenzene	12.80	91	141593	19.410	ug/l	100
79) 2-Chlorotoluene	12.90	91	79965	19.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	98327	19.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5586	17.697	ug/l	96
82) 4-Chlorotoluene	12.99	91	84503	19.402	ug/l	98
83) tert-Butylbenzene	13.21	119	85924	19.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	100969	19.707	ug/l	99
85) sec-Butylbenzene	13.39	105	123601	19.448	ug/l	100
86) p-Isopropyltoluene	13.50	119	107766	19.414	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	54641	18.996	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	53411	18.534	ug/l	96
89) n-Butylbenzene	13.83	91	104143	19.559	ug/l	100
90) Hexachloroethane	14.10	117	18781	18.282	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	47361	18.649	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	2698	16.095	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31666	18.420	ug/l	98
94) Hexachlorobutadiene	15.24	225	18340	18.929	ug/l	98
95) Naphthalene	15.38	128	49053	17.059	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	27014	18.041	ug/l	96

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

