

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008195.D
 Acq On : 11 Jan 2019 15:47
 Operator : SY/VA
 Sample : VW0111SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD01

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:41:53 PM

Quant Time: Jan 12 00:31:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	58252	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.88	113	57180	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.32	98	237583	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.62	95	81128	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15558	17.491	ug/l	92
3) Chloromethane	2.21	50	22094	19.146	ug/l	100
4) Vinyl Chloride	2.37	62	29288	19.447	ug/l	99
5) Bromomethane	2.79	94	23900	21.184	ug/l	93
6) Chloroethane	2.92	64	20513	18.100	ug/l	100
7) Trichlorofluoromethane	3.26	101	24338	19.877	ug/l	93
8) Diethyl Ether	3.68	74	14016	20.249	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24490	20.146	ug/l	93
10) Methyl Iodide	4.26	142	37440	21.132	ug/l	100
11) Tert butyl alcohol	5.23	59	7182m	76.875	ug/l	
12) 1,1-Dichloroethene	4.03	96	24425	20.465	ug/l	99
13) Acrolein	3.90	56	6597	79.878	ug/l	95
14) Allyl chloride	4.66	41	43700	20.167	ug/l	98
15) Acrylonitrile	5.38	53	26304	99.815	ug/l	98
16) Acetone	4.14	43	26485	108.302	ug/l	94
17) Carbon Disulfide	4.37	76	75111	20.146	ug/l	99
18) Methyl Acetate	4.67	43	14550	18.794	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	39908	20.568	ug/l	95
20) Methylene Chloride	4.91	84	31200	23.303	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	26271	20.255	ug/l	94
22) Diisopropyl ether	6.31	45	82623	19.992	ug/l	98
23) Vinyl Acetate	6.26	43	219664	101.204	ug/l	100
24) 1,1-Dichloroethane	6.21	63	47976	19.924	ug/l	97
25) 2-Butanone	7.17	43	34689	101.784	ug/l	100
26) 2,2-Dichloropropane	7.17	77	32922	20.178	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	28677	20.265	ug/l	96
28) Bromochloromethane	7.51	49	19046	19.997	ug/l	93
29) Tetrahydrofuran	7.54	42	21118	92.763	ug/l	96
30) Chloroform	7.67	83	46578	20.322	ug/l	99
31) Cyclohexane	7.95	56	48233	18.711	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	41334	20.726	ug/l	99
36) 1,1-Dichloropropene	8.09	75	39154	20.690	ug/l	99
37) Ethyl Acetate	7.26	43	14829	19.559	ug/l	97
38) Carbon Tetrachloride	8.06	117	37181	21.466	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48535	20.227	ug/l	93
40) Benzene	8.32	78	110427	21.514	ug/l	98
41) Methacrylonitrile	7.48	41	9626	20.099	ug/l	94
42) 1,2-Dichloroethane	8.40	62	30100	20.851	ug/l	99
43) Isopropyl Acetate	8.42	43	30221	19.937	ug/l	98
44) Trichloroethene	9.09	130	28612	21.776	ug/l	98
45) 1,2-Dichloropropane	9.37	63	26275	20.645	ug/l	95
46) Dibromomethane	9.46	93	13357	21.370	ug/l	95
47) Bromodichloromethane	9.64	83	33792	21.292	ug/l #	98
48) Methyl methacrylate	9.44	41	14151	19.784	ug/l	93
49) 1,4-Dioxane	9.48	88	3902	388.198	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	73745	100.504	ug/l	99
52) Toluene	10.39	92	70560	21.526	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	34030	20.614	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	40420	20.648	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	19035	21.691	ug/l	98
56) Ethyl methacrylate	10.65	69	21675	19.945	ug/l	98
57) 1,3-Dichloropropane	10.93	76	33933	21.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	58809	104.761	ug/l	98
59) 2-Hexanone	10.97	43	51693	104.179	ug/l	98
60) Dibromochloromethane	11.13	129	21708	22.527	ug/l	100
61) 1,2-Dibromoethane	11.24	107	18565	22.296	ug/l	99
64) Tetrachloroethene	10.86	164	23479	21.677	ug/l	89
65) Chlorobenzene	11.66	112	74069	21.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	25214	21.986	ug/l	99
67) Ethyl Benzene	11.73	91	130459	20.221	ug/l	98
68) m/p-Xylenes	11.84	106	103949	42.213	ug/l	97
69) o-Xylene	12.17	106	47469	20.816	ug/l	97
70) Styrene	12.18	104	77033	21.567	ug/l	98
71) Bromoform	12.35	173	11829	23.047	ug/l #	96
73) Isopropylbenzene	12.47	105	131344	20.385	ug/l	100
74) N-amyl acetate	12.27	43	27170	19.041	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	20923	20.287	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	15702m	20.988	ug/l	
77) Bromobenzene	12.75	156	29233	21.472	ug/l	91
78) n-propylbenzene	12.81	91	160364	20.313	ug/l	99
79) 2-Chlorotoluene	12.90	91	88688	20.135	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	109883	20.753	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	6658	20.724	ug/l	96
82) 4-Chlorotoluene	12.99	91	94808	20.438	ug/l	97
83) tert-Butylbenzene	13.21	119	96630	20.629	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	111086	20.342	ug/l	100
85) sec-Butylbenzene	13.39	105	141310	20.594	ug/l	99
86) p-Isopropyltoluene	13.51	119	121960	20.583	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	58557	21.203	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	58131	20.979	ug/l	99
89) n-Butylbenzene	13.83	91	119076	20.518	ug/l	99
90) Hexachloroethane	14.10	117	21218	21.200	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	51195	21.093	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3450	20.786	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33203	20.605	ug/l	99
94) Hexachlorobutadiene	15.24	225	19291	22.366	ug/l	98
95) Naphthalene	15.38	128	59164	19.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	28488	20.738	ug/l	98

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

