

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008145.D
 Acq On : 10 Jan 2019 13:41
 Operator : SY/AP
 Sample : VW0110SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:27:40 PM

Quant Time: Jan 11 05:53:20 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	70028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	41435	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	38461	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.32	98	164998	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	56651	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11169	19.543	ug/l	88
3) Chloromethane	2.21	50	14793	19.951	ug/l	98
4) Vinyl Chloride	2.37	62	19745	20.404	ug/l	96
5) Bromomethane	2.78	94	15607	21.529	ug/l	94
6) Chloroethane	2.93	64	12861	17.661	ug/l	97
7) Trichlorofluoromethane	3.26	101	14863	18.892	ug/l	85
8) Diethyl Ether	3.67	74	8918	20.051	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15004	19.209	ug/l	99
10) Methyl Iodide	4.27	142	20864	18.327	ug/l	97
11) Tert butyl alcohol	5.20	59	4871	82.837	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	14996	19.554	ug/l	91
13) Acrolein	3.89	56	4255	80.188	ug/l	98
14) Allyl chloride	4.67	41	28016	20.121	ug/l	98
15) Acrylonitrile	5.37	53	17787	105.045	ug/l	99
16) Acetone	4.12	43	16439	103.834	ug/l	91
17) Carbon Disulfide	4.37	76	45106	18.828	ug/l	99
18) Methyl Acetate	4.67	43	10093	20.290	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	23983	19.237	ug/l #	90
20) Methylene Chloride	4.92	84	18141	20.582	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	16508	19.808	ug/l	94
22) Diisopropyl ether	6.31	45	54060	20.358	ug/l	99
23) Vinyl Acetate	6.26	43	142030	101.840	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31187	20.157	ug/l	98
25) 2-Butanone	7.18	43	22611	103.254	ug/l	98
26) 2,2-Dichloropropane	7.16	77	20668	19.715	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	18332	20.161	ug/l	98
28) Bromochloromethane	7.51	49	12262	20.037	ug/l	97
29) Tetrahydrofuran	7.54	42	14609	99.872	ug/l	99
30) Chloroform	7.68	83	30147	20.470	ug/l	98
31) Cyclohexane	7.95	56	30729	18.552	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	25302	19.745	ug/l	98
36) 1,1-Dichloropropene	8.09	75	24922	19.123	ug/l	99
37) Ethyl Acetate	7.26	43	10302	19.731	ug/l	98
38) Carbon Tetrachloride	8.07	117	22888	19.188	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31239	18.904	ug/l	90
40) Benzene	8.32	78	69247	19.590	ug/l	99
41) Methacrylonitrile	7.48	41	6208	18.822	ug/l	92
42) 1,2-Dichloroethane	8.40	62	18675	18.785	ug/l	99
43) Isopropyl Acetate	8.43	43	19824	18.990	ug/l	100
44) Trichloroethene	9.09	130	17105	18.904	ug/l	99
45) 1,2-Dichloropropane	9.37	63	17707	20.203	ug/l	99
46) Dibromomethane	9.46	93	8647	20.089	ug/l	95
47) Bromodichloromethane	9.65	83	21283	19.473	ug/l	95
48) Methyl methacrylate	9.44	41	9087	18.448	ug/l	91
49) 1,4-Dioxane	9.46	88	2644	381.957	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	49990	98.929	ug/l	98
52) Toluene	10.39	92	43695	19.356	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	21704	19.091	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	26394	19.578	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12276	20.313	ug/l	96
56) Ethyl methacrylate	10.65	69	14535	19.421	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21591	19.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	39186	101.362	ug/l	99
59) 2-Hexanone	10.97	43	34593	101.233	ug/l	97
60) Dibromochloromethane	11.13	129	13501	20.344	ug/l	100
61) 1,2-Dibromoethane	11.24	107	11441	19.952	ug/l	98
64) Tetrachloroethene	10.86	164	13833	18.393	ug/l	96
65) Chlorobenzene	11.66	112	47827	19.534	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15451	19.403	ug/l	100
67) Ethyl Benzene	11.73	91	85292	19.039	ug/l	95
68) m/p-Xylenes	11.84	106	64920	37.967	ug/l	99
69) o-Xylene	12.17	106	28958	18.288	ug/l	97
70) Styrene	12.18	104	47628	19.204	ug/l	98
71) Bromoform	12.35	173	7045	19.767	ug/l #	89
73) Isopropylbenzene	12.47	105	83570	18.857	ug/l	99
74) N-amyl acetate	12.27	43	18231	18.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13883	19.571	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	8380m	16.284	ug/l	
77) Bromobenzene	12.75	156	17577	18.770	ug/l	97
78) n-propylbenzene	12.81	91	102460	18.868	ug/l	100
79) 2-Chlorotoluene	12.90	91	57219	18.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	69983	19.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4075	18.440	ug/l	96
82) 4-Chlorotoluene	12.99	91	60557	18.979	ug/l	100
83) tert-Butylbenzene	13.21	119	59855	18.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	71702	19.089	ug/l	98
85) sec-Butylbenzene	13.39	105	90256	19.123	ug/l	100
86) p-Isopropyltoluene	13.51	119	77057	18.907	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	37084	19.522	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	37345	19.595	ug/l	99
89) n-Butylbenzene	13.83	91	75709	18.966	ug/l	99
90) Hexachloroethane	14.10	117	13503	19.615	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	31810	19.054	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2188	19.166	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21182	19.111	ug/l	96
94) Hexachlorobutadiene	15.24	225	11617	19.582	ug/l	97
95) Naphthalene	15.38	128	37697	18.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	17597	18.624	ug/l	100

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

