

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008332.D
 Acq On : 17 Jan 2019 17:05
 Operator : SY/VA
 Sample : VW0117SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:10:09 PM

Quant Time: Jan 18 01:29:40 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	110347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	60015	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.88	113	58820	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.32	98	238411	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	84525	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13933	20.039	ug/l	96
3) Chloromethane	2.21	50	18996	18.638	ug/l	99
4) Vinyl Chloride	2.37	62	25880	19.873	ug/l	91
5) Bromomethane	2.78	94	19212	19.467	ug/l	85
6) Chloroethane	2.92	64	16999	19.943	ug/l	92
7) Trichlorofluoromethane	3.26	101	17968	18.791	ug/l	92
8) Diethyl Ether	3.68	74	13116	19.781	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.05	101	23003	20.663	ug/l	93
10) Methyl Iodide	4.26	142	33121	18.447	ug/l	99
11) Tert butyl alcohol	5.18	59	8373	108.338	ug/l	100
12) 1,1-Dichloroethene	4.03	96	21643	19.115	ug/l	97
13) Acrolein	3.89	56	5315	72.114	ug/l	97
14) Allyl chloride	4.66	41	36499	19.283	ug/l	99
15) Acrylonitrile	5.36	53	25353	99.538	ug/l	97
16) Acetone	4.12	43	27757	104.124	ug/l	99
17) Carbon Disulfide	4.37	76	61594	17.878	ug/l	99
18) Methyl Acetate	4.67	43	15456	21.705	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	35477	20.469	ug/l	100
20) Methylene Chloride	4.90	84	26080	18.876	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	24302	19.110	ug/l	86
22) Diisopropyl ether	6.32	45	72464	19.609	ug/l	97
23) Vinyl Acetate	6.25	43	201509	102.010	ug/l	98
24) 1,1-Dichloroethane	6.21	63	43905	19.512	ug/l	99
25) 2-Butanone	7.17	43	35565	104.165	ug/l	97
26) 2,2-Dichloropropane	7.16	77	28646	19.950	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	26502	19.235	ug/l	96
28) Bromochloromethane	7.51	49	17447	18.820	ug/l #	100
29) Tetrahydrofuran	7.52	42	21977	103.249	ug/l	98
30) Chloroform	7.67	83	44410	19.948	ug/l	99
31) Cyclohexane	7.95	56	40677	18.974	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	35470	18.984	ug/l	98
36) 1,1-Dichloropropene	8.07	75	35457	19.549	ug/l	99
37) Ethyl Acetate	7.25	43	15016	20.076	ug/l	98
38) Carbon Tetrachloride	8.07	117	33824	18.885	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	41243	19.117	ug/l	96
40) Benzene	8.32	78	99676	19.401	ug/l	100
41) Methacrylonitrile	7.48	41	8944	20.542	ug/l	94
42) 1,2-Dichloroethane	8.40	62	29103	20.257	ug/l	97
43) Isopropyl Acetate	8.42	43	29760	21.064	ug/l	98
44) Trichloroethene	9.09	130	26614	18.907	ug/l	91
45) 1,2-Dichloropropane	9.37	63	24433	19.145	ug/l	98
46) Dibromomethane	9.46	93	13271	19.952	ug/l	97
47) Bromodichloromethane	9.64	83	31929	19.461	ug/l	97
48) Methyl methacrylate	9.43	41	14883	22.377	ug/l	92
49) 1,4-Dioxane	9.45	88	4178	390.189	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	73988	103.423	ug/l	98
52) Toluene	10.39	92	64145	19.728	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	31963	19.519	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	37876	19.621	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	18743	20.316	ug/l	98
56) Ethyl methacrylate	10.65	69	21785	20.107	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32391	20.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	55915	106.990	ug/l	98
59) 2-Hexanone	10.97	43	53861	107.454	ug/l	98
60) Dibromochloromethane	11.13	129	21374	19.412	ug/l	97
61) 1,2-Dibromoethane	11.23	107	18045	20.199	ug/l	100
64) Tetrachloroethene	10.86	164	22730	19.378	ug/l	97
65) Chlorobenzene	11.66	112	71463	19.585	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24025	19.130	ug/l	98
67) Ethyl Benzene	11.73	91	121166	19.124	ug/l	100
68) m/p-Xylenes	11.84	106	94265	38.332	ug/l	96
69) o-Xylene	12.17	106	45106	19.632	ug/l	99
70) Styrene	12.18	104	74687	20.238	ug/l	99
71) Bromoform	12.35	173	12572	20.095	ug/l #	96
73) Isopropylbenzene	12.47	105	122996	19.768	ug/l	98
74) N-amyl acetate	12.27	43	26264	19.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	21892	20.686	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16048m	20.637	ug/l	
77) Bromobenzene	12.75	156	28047	18.767	ug/l	95
78) n-propylbenzene	12.80	91	147406	19.573	ug/l	100
79) 2-Chlorotoluene	12.90	91	83836	19.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	102360	19.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6567	20.153	ug/l	98
82) 4-Chlorotoluene	12.99	91	88458	19.673	ug/l	99
83) tert-Butylbenzene	13.21	119	90062	19.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	102125	19.308	ug/l	100
85) sec-Butylbenzene	13.38	105	125823	19.177	ug/l	99
86) p-Isopropyltoluene	13.50	119	111986	19.542	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	58001	19.533	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	57291	19.258	ug/l	97
89) n-Butylbenzene	13.83	91	108992	19.828	ug/l	99
90) Hexachloroethane	14.10	117	19889	18.754	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	52255	19.932	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3542	20.468	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34268	19.309	ug/l	100
94) Hexachlorobutadiene	15.24	225	18937	18.933	ug/l	98
95) Naphthalene	15.38	128	62047	20.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	29606	19.152	ug/l	97

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

