

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011954.D
 Acq On : 16 Aug 2019 10:34
 Operator : SY/VA
 Sample : VW0817SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:55:19 AM

Quant Time: Aug 17 05:09:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132844	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.88	113	107827	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.32	98	441367	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	155422	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31017	24.388	ug/l	94
3) Chloromethane	2.21	50	48333	21.916	ug/l	95
4) Vinyl Chloride	2.36	62	60881	22.930	ug/l	97
5) Bromomethane	2.76	94	30122	20.496	ug/l	94
6) Chloroethane	2.92	64	33040	21.785	ug/l	97
7) Trichlorofluoromethane	3.26	101	29131	24.550	ug/l	98
8) Diethyl Ether	3.68	74	27544	20.473	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52156	23.171	ug/l	99
10) Methyl Iodide	4.27	142	68168	21.430	ug/l	99
11) Tert butyl alcohol	5.17	59	17326	77.272	ug/l	99
12) 1,1-Dichloroethene	4.04	96	51769	21.782	ug/l	97
13) Acrolein	3.90	56	12916	68.693	ug/l	92
14) Allyl chloride	4.66	41	108822	21.528	ug/l	99
15) Acrylonitrile	5.37	53	68352	101.774	ug/l	98
16) Acetone	4.12	43	71835	86.179	ug/l	98
17) Carbon Disulfide	4.38	76	154378	20.754	ug/l	98
18) Methyl Acetate	4.67	43	38514	20.567	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	81010	21.480	ug/l	97
20) Methylene Chloride	4.92	84	58099	20.210	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	55782	21.770	ug/l	98
22) Diisopropyl ether	6.31	45	205343	21.546	ug/l	99
23) Vinyl Acetate	6.26	43	623788	104.164	ug/l	100
24) 1,1-Dichloroethane	6.21	63	109771	21.506	ug/l	98
25) 2-Butanone	7.17	43	101879	93.404	ug/l	95
26) 2,2-Dichloropropane	7.17	77	63247	20.149	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59343	21.043	ug/l	99
28) Bromochloromethane	7.51	49	50108	22.117	ug/l	99
29) Tetrahydrofuran	7.53	42	63141	101.273	ug/l	99
30) Chloroform	7.68	83	101088	21.467	ug/l	98
31) Cyclohexane	7.96	56	106158	21.667	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80439	22.430	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85973	22.699	ug/l	99
37) Ethyl Acetate	7.25	43	44384	20.368	ug/l	98
38) Carbon Tetrachloride	8.07	117	73185	22.571	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95234	22.835	ug/l	99
40) Benzene	8.32	78	233914	22.048	ug/l	99
41) Methacrylonitrile	7.48	41	26953	20.692	ug/l	97
42) 1,2-Dichloroethane	8.40	62	71533	21.536	ug/l	99
43) Isopropyl Acetate	8.42	43	82720	20.641	ug/l	100
44) Trichloroethene	9.09	130	56744	22.253	ug/l	100
45) 1,2-Dichloropropane	9.37	63	62178	21.904	ug/l	99
46) Dibromomethane	9.46	93	27909	21.541	ug/l	100
47) Bromodichloromethane	9.65	83	72203	21.245	ug/l	97
48) Methyl methacrylate	9.43	41	39536	20.538	ug/l	97
49) 1,4-Dioxane	9.45	88	7881	420.102	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	215424	103.346	ug/l	100
52) Toluene	10.39	92	142204	22.196	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	74154	20.887	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90805	21.512	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39617	21.551	ug/l	97
56) Ethyl methacrylate	10.65	69	57354	21.321	ug/l	100
57) 1,3-Dichloropropane	10.93	76	74138	21.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	153487	125.668	ug/l	99
59) 2-Hexanone	10.97	43	148890	101.162	ug/l	99
60) Dibromochloromethane	11.13	129	42948	21.047	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36516	20.991	ug/l	100
64) Tetrachloroethene	10.87	164	47303	23.162	ug/l	93
65) Chlorobenzene	11.66	112	138978	22.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49307	22.447	ug/l	99
67) Ethyl Benzene	11.73	91	271749	22.626	ug/l	99
68) m/p-Xylenes	11.84	106	198384	45.420	ug/l	99
69) o-Xylene	12.16	106	91706	22.594	ug/l	99
70) Styrene	12.18	104	155316	22.132	ug/l	99
71) Bromoform	12.35	173	23567	21.043	ug/l	# 98
73) Isopropylbenzene	12.46	105	257446	22.932	ug/l	99
74) N-amyl acetate	12.27	43	75368	21.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46560	22.048	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32915m	20.671	ug/l	
77) Bromobenzene	12.75	156	54921	22.133	ug/l	99
78) n-propylbenzene	12.80	91	318824	23.335	ug/l	99
79) 2-Chlorotoluene	12.89	91	177635	22.568	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	216692	23.026	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15035	21.761	ug/l	99
82) 4-Chlorotoluene	12.99	91	182778	22.132	ug/l	99
83) tert-Butylbenzene	13.21	119	179930	22.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	216154	22.801	ug/l	100
85) sec-Butylbenzene	13.38	105	260358	23.186	ug/l	100
86) p-Isopropyltoluene	13.50	119	232702	22.840	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	106680	21.926	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	107126	22.133	ug/l	99
89) n-Butylbenzene	13.82	91	231247	22.744	ug/l	99
90) Hexachloroethane	14.10	117	40105	22.261	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	95073	22.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7415	20.591	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	63956	21.088	ug/l	99
94) Hexachlorobutadiene	15.24	225	43423	22.959	ug/l	98
95) Naphthalene	15.37	128	111885	20.121	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	56271	21.167	ug/l	100

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

