

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011533.D
 Acq On : 26 Jul 2019 23:34
 Operator : SY/VA
 Sample : VW0727SBS02
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS02

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:19:26 AM

Quant Time: Jul 27 06:49:04 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	216112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132349	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.88	113	103944	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.32	98	418822	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	152511	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25883	21.490	ug/l	95
3) Chloromethane	2.21	50	44070	21.101	ug/l	98
4) Vinyl Chloride	2.36	62	51687	20.556	ug/l	100
5) Bromomethane	2.76	94	25119	18.048	ug/l	97
6) Chloroethane	2.90	64	26947	18.762	ug/l	99
7) Trichlorofluoromethane	3.25	101	19213	17.098	ug/l	93
8) Diethyl Ether	3.68	74	27897	21.896	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41945	19.677	ug/l	99
10) Methyl Iodide	4.28	142	62774	20.838	ug/l	100
11) Tert butyl alcohol	5.18	59	18678	90.620	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	44697	19.859	ug/l	94
13) Acrolein	3.89	56	17305	97.186	ug/l	95
14) Allyl chloride	4.66	41	95963	20.046	ug/l	99
15) Acrylonitrile	5.37	53	71798	112.888	ug/l	97
16) Acetone	4.12	43	64255	81.399	ug/l	94
17) Carbon Disulfide	4.38	76	133235	18.914	ug/l	99
18) Methyl Acetate	4.67	43	43854	24.730	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	79047	22.132	ug/l	96
20) Methylene Chloride	4.91	84	56121	20.614	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51674	21.295	ug/l	92
22) Diisopropyl ether	6.31	45	196778	21.803	ug/l	99
23) Vinyl Acetate	6.25	43	597613	105.378	ug/l	99
24) 1,1-Dichloroethane	6.21	63	103688	21.451	ug/l	98
25) 2-Butanone	7.17	43	107636	104.205	ug/l	100
26) 2,2-Dichloropropane	7.17	77	56305	18.941	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	55963	20.955	ug/l	96
28) Bromochloromethane	7.51	49	51119	23.826	ug/l	98
29) Tetrahydrofuran	7.53	42	67488	114.303	ug/l	99
30) Chloroform	7.67	83	94302	21.147	ug/l	100
31) Cyclohexane	7.95	56	91796	19.784	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	69819	20.558	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75454	19.737	ug/l	99
37) Ethyl Acetate	7.25	43	45966	20.899	ug/l #	96
38) Carbon Tetrachloride	8.07	117	61635	18.833	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81326	19.320	ug/l	99
40) Benzene	8.32	78	218528	20.407	ug/l	99
41) Methacrylonitrile	7.48	41	27495	20.912	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71834	21.426	ug/l	100
43) Isopropyl Acetate	8.42	43	86154	21.299	ug/l	99
44) Trichloroethene	9.09	130	51523	20.019	ug/l	96
45) 1,2-Dichloropropane	9.37	63	58200	20.313	ug/l	99
46) Dibromomethane	9.46	93	27385	20.941	ug/l	99
47) Bromodichloromethane	9.64	83	69005	20.116	ug/l	100
48) Methyl methacrylate	9.43	41	42206	21.722	ug/l	99
49) 1,4-Dioxane	9.46	88	8531	450.541	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	228906	108.797	ug/l	99
52) Toluene	10.38	92	131828	20.386	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	69990	19.532	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	83811	19.671	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39583	21.333	ug/l	98
56) Ethyl methacrylate	10.65	69	57786	21.283	ug/l	100
57) 1,3-Dichloropropane	10.93	76	74451	21.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	142002	115.188	ug/l	100
59) 2-Hexanone	10.97	43	152738	102.816	ug/l	100
60) Dibromochloromethane	11.13	129	42038	20.411	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37101	21.129	ug/l	99
64) Tetrachloroethene	10.86	164	43908	20.414	ug/l	98
65) Chlorobenzene	11.66	112	132271	19.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46790	20.226	ug/l	99
67) Ethyl Benzene	11.73	91	249513	19.726	ug/l	98
68) m/p-Xylenes	11.84	106	183441	39.878	ug/l	100
69) o-Xylene	12.16	106	85193	19.930	ug/l	97
70) Styrene	12.18	104	150633	20.381	ug/l	99
71) Bromoform	12.35	173	23568	19.981	ug/l #	98
73) Isopropylbenzene	12.46	105	234280	19.499	ug/l	99
74) N-amyl acetate	12.27	43	77740	20.667	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47719	21.115	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33197m	19.481	ug/l	
77) Bromobenzene	12.74	156	53769	20.247	ug/l	100
78) n-propylbenzene	12.80	91	286046	19.563	ug/l	99
79) 2-Chlorotoluene	12.89	91	167635	19.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	201692	20.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13469	18.216	ug/l	95
82) 4-Chlorotoluene	12.99	91	173178	19.594	ug/l	99
83) tert-Butylbenzene	13.21	119	166035	19.714	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	203699	20.078	ug/l	99
85) sec-Butylbenzene	13.38	105	233360	19.419	ug/l	100
86) p-Isopropyltoluene	13.50	119	211523	19.400	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104885	20.143	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103241	19.931	ug/l	98
89) n-Butylbenzene	13.82	91	205243	18.863	ug/l	99
90) Hexachloroethane	14.09	117	36313	18.834	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	93417	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7725	20.045	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62871	19.370	ug/l	99
94) Hexachlorobutadiene	15.24	225	38666	19.103	ug/l	98
95) Naphthalene	15.37	128	114679	19.358	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	55940	19.662	ug/l	99

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

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