

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030719\
 Data File : VW009041.D
 Acq On : 07 Mar 2019 15:57
 Operator : SY/VA
 Sample : VW0307SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 12:06:30 PM

Quant Time: Mar 08 06:04:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152555	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.88	113	138699	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.32	98	570544	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.62	95	212776	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	69208	22.875	ug/l	96
3) Chloromethane	2.21	50	83428	21.706	ug/l	96
4) Vinyl Chloride	2.36	62	79938	20.494	ug/l	96
5) Bromomethane	2.76	94	80413	24.423	ug/l	98
6) Chloroethane	2.91	64	57912	20.856	ug/l	94
7) Trichlorofluoromethane	3.26	101	107674	21.440	ug/l	96
8) Diethyl Ether	3.68	74	30352	19.766	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	65116	20.818	ug/l	99
10) Methyl Iodide	4.26	142	56422	18.757	ug/l	99
11) Tert butyl alcohol	5.18	59	21191m	91.556	ug/l	
12) 1,1-Dichloroethene	4.04	96	56339	20.881	ug/l	95
13) Acrolein	3.90	56	22081	86.697	ug/l	93
14) Allyl chloride	4.67	41	94891	19.938	ug/l	98
15) Acrylonitrile	5.37	53	60121	89.705	ug/l	97
16) Acetone	4.14	43	61964	90.913	ug/l	91
17) Carbon Disulfide	4.38	76	185227	20.404	ug/l	98
18) Methyl Acetate	4.67	43	26400	16.844	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	136117	19.071	ug/l	99
20) Methylene Chloride	4.90	84	69181	18.117	ug/l	87
21) trans-1,2-Dichloroethene	5.42	96	64507	20.706	ug/l	91
22) Diisopropyl ether	6.31	45	188971	19.980	ug/l	98
23) Vinyl Acetate	6.25	43	556679	94.584	ug/l	99
24) 1,1-Dichloroethane	6.21	63	110846	20.206	ug/l	100
25) 2-Butanone	7.18	43	83025	88.141	ug/l	99
26) 2,2-Dichloropropane	7.16	77	106170	21.292	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	66934	20.005	ug/l	98
28) Bromochloromethane	7.51	49	42948	18.822	ug/l	100
29) Tetrahydrofuran	7.53	42	49591	83.544	ug/l	98
30) Chloroform	7.67	83	115262	20.408	ug/l	93
31) Cyclohexane	7.95	56	115924	20.580	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	108064	20.733	ug/l	98
36) 1,1-Dichloropropene	8.08	75	94380	21.221	ug/l	99
37) Ethyl Acetate	7.25	43	36545	17.494	ug/l	97
38) Carbon Tetrachloride	8.07	117	98136	21.366	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111060	20.966	ug/l	99
40) Benzene	8.32	78	246091	20.728	ug/l	97
41) Methacrylonitrile	7.48	41	20784	17.917	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	75769	19.769	ug/l	100
43) Isopropyl Acetate	8.42	43	69151	17.773	ug/l	98
44) Trichloroethene	9.09	130	69955	21.023	ug/l	97
45) 1,2-Dichloropropane	9.37	63	59582	20.038	ug/l	100
46) Dibromomethane	9.45	93	31020	19.102	ug/l	98
47) Bromodichloromethane	9.64	83	81235	19.762	ug/l	98
48) Methyl methacrylate	9.44	41	33814	18.665	ug/l	96
49) 1,4-Dioxane	9.46	88	8249	354.732	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	171598	86.877	ug/l	100
52) Toluene	10.38	92	166682	20.702	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	78731	19.365	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	94350	20.194	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42511	19.314	ug/l	96
56) Ethyl methacrylate	10.65	69	50152	18.359	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75062	19.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	120828	85.323	ug/l	100
59) 2-Hexanone	10.97	43	123395	88.855	ug/l	98
60) Dibromochloromethane	11.13	129	51340	18.848	ug/l	96
61) 1,2-Dibromoethane	11.23	107	41111	19.053	ug/l	99
64) Tetrachloroethene	10.86	164	60025	20.265	ug/l	97
65) Chlorobenzene	11.66	112	180148	20.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	58392	19.561	ug/l	96
67) Ethyl Benzene	11.73	91	330368	20.455	ug/l	100
68) m/p-Xylenes	11.84	106	262793	41.223	ug/l	99
69) o-Xylene	12.16	106	120870	20.378	ug/l	97
70) Styrene	12.18	104	190464	19.846	ug/l	98
71) Bromoform	12.35	173	29230	18.237	ug/l #	99
73) Isopropylbenzene	12.46	105	331726	21.334	ug/l	98
74) N-amyl acetate	12.27	43	68073	18.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	48049	19.590	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	33543m	19.553	ug/l	
77) Bromobenzene	12.75	156	76178	21.442	ug/l	93
78) n-propylbenzene	12.80	91	413235	21.576	ug/l	100
79) 2-Chlorotoluene	12.89	91	227764	21.166	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	285449	21.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13916	18.144	ug/l	98
82) 4-Chlorotoluene	12.99	91	240406	20.959	ug/l	99
83) tert-Butylbenzene	13.21	119	244429	21.623	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	288958	21.312	ug/l	100
85) sec-Butylbenzene	13.38	105	360437	21.521	ug/l	99
86) p-Isopropyltoluene	13.50	119	318140	21.234	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	156981	21.025	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154752	20.973	ug/l	99
89) n-Butylbenzene	13.83	91	307067	21.559	ug/l	99
90) Hexachloroethane	14.10	117	55880	21.625	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	134955	20.487	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7489	17.143	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	90493	20.341	ug/l	98
94) Hexachlorobutadiene	15.24	225	61624	22.115	ug/l	99
95) Naphthalene	15.37	128	132203	18.154	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	77989	19.936	ug/l	99

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

