

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012466.D
 Acq On : 02 Sep 2019 00:15
 Operator : SY/VA
 Sample : VW0901SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:44:49 AM

Quant Time: Sep 02 08:25:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	139795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133909	57.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.74%	
35) Dibromofluoromethane	7.88	113	100869	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.32	98	399685	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	145437	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18243	15.220	ug/l	98
3) Chloromethane	2.21	50	35838	19.299	ug/l	93
4) Vinyl Chloride	2.36	62	40875	17.983	ug/l	97
5) Bromomethane	2.73	94	20181m	17.532	ug/l	
6) Chloroethane	2.89	64	24855	19.385	ug/l	95
7) Trichlorofluoromethane	3.25	101	21741	19.049	ug/l	99
8) Diethyl Ether	3.68	74	22273	20.560	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37118	19.133	ug/l	97
10) Methyl Iodide	4.26	142	49670	18.923	ug/l	98
11) Tert butyl alcohol	5.17	59	17435	125.196	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	35166	18.010	ug/l	97
13) Acrolein	3.89	56	10107	77.100	ug/l	100
14) Allyl chloride	4.66	41	80238	19.222	ug/l	97
15) Acrylonitrile	5.36	53	61010	113.622	ug/l	100
16) Acetone	4.12	43	56274	95.132	ug/l	95
17) Carbon Disulfide	4.37	76	87998	14.912	ug/l	99
18) Methyl Acetate	4.66	43	38801	26.483	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	73663	23.328	ug/l	98
20) Methylene Chloride	4.91	84	44979	20.114	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	39508	18.868	ug/l	89
22) Diisopropyl ether	6.31	45	168201	21.738	ug/l	97
23) Vinyl Acetate	6.25	43	480743	100.958	ug/l	99
24) 1,1-Dichloroethane	6.21	63	86634	20.564	ug/l	99
25) 2-Butanone	7.17	43	86446	107.543	ug/l	99
26) 2,2-Dichloropropane	7.16	77	46762	19.610	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	45745	20.448	ug/l	98
28) Bromochloromethane	7.51	49	41985	22.865	ug/l	98
29) Tetrahydrofuran	7.52	42	54471	112.949	ug/l	98
30) Chloroform	7.68	83	84344	21.882	ug/l	98
31) Cyclohexane	7.95	56	70918	17.014	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	64649	21.202	ug/l	100
36) 1,1-Dichloropropene	8.08	75	62169	18.990	ug/l	100
37) Ethyl Acetate	7.25	43	37513	20.911	ug/l	99
38) Carbon Tetrachloride	8.07	117	56522	19.948	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	62330	16.948	ug/l	98
40) Benzene	8.32	78	177400	19.845	ug/l	98
41) Methacrylonitrile	7.48	41	24641	23.370	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63250	22.576	ug/l	99
43) Isopropyl Acetate	8.42	43	70388	21.182	ug/l	99
44) Trichloroethene	9.09	130	43162	19.862	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49048	20.387	ug/l	97
46) Dibromomethane	9.46	93	22831	21.329	ug/l	99
47) Bromodichloromethane	9.64	83	61282	21.511	ug/l	99
48) Methyl methacrylate	9.43	41	33931	21.454	ug/l	96
49) 1,4-Dioxane	9.44	88	7722	471.229	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	194056	114.813	ug/l	98
52) Toluene	10.38	92	108812	20.262	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	59962	20.663	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69724	19.899	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	33464	22.096	ug/l	99
56) Ethyl methacrylate	10.65	69	47736	21.656	ug/l	98
57) 1,3-Dichloropropane	10.93	76	62104	21.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	119887	105.976	ug/l	100
59) 2-Hexanone	10.97	43	130651	109.248	ug/l	98
60) Dibromochloromethane	11.13	129	36715	21.765	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30606	21.692	ug/l	98
64) Tetrachloroethene	10.86	164	37872	20.659	ug/l	98
65) Chlorobenzene	11.66	112	114236	20.518	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	41395	21.312	ug/l	99
67) Ethyl Benzene	11.73	91	212531	19.816	ug/l	99
68) m/p-Xylenes	11.84	106	154028	39.869	ug/l	99
69) o-Xylene	12.16	106	72488	20.273	ug/l	99
70) Styrene	12.18	104	126087	20.372	ug/l	98
71) Bromoform	12.35	173	20837	21.532	ug/l #	99
73) Isopropylbenzene	12.46	105	202112	19.295	ug/l	98
74) N-amyl acetate	12.27	43	63673	20.119	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	41073	21.388	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33793m	24.820	ug/l	
77) Bromobenzene	12.74	156	46418	20.483	ug/l	97
78) n-propylbenzene	12.80	91	249698	19.526	ug/l	99
79) 2-Chlorotoluene	12.89	91	146551	20.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	178230	20.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	11961	19.262	ug/l	92
82) 4-Chlorotoluene	12.99	91	152184	20.019	ug/l	100
83) tert-Butylbenzene	13.21	119	149639	20.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	176692	20.096	ug/l	100
85) sec-Butylbenzene	13.38	105	209803	19.751	ug/l	100
86) p-Isopropyltoluene	13.50	119	189363	19.961	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91850	20.722	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	89798	20.403	ug/l	98
89) n-Butylbenzene	13.82	91	182148	19.308	ug/l	99
90) Hexachloroethane	14.09	117	32911	19.774	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	82342	21.176	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7247	22.385	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55313	20.584	ug/l	99
94) Hexachlorobutadiene	15.24	225	38461	21.676	ug/l	99
95) Naphthalene	15.36	128	95062	20.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49251	21.007	ug/l	99

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

