

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012816.D
 Acq On : 09 Sep 2019 12:57
 Operator : SY/VA
 Sample : VW0909SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:41 AM

Quant Time: Sep 09 13:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	150893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	126272	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	7.88	113	100613	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.32	98	419910	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	146213	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23765	18.397	ug/l	96
3) Chloromethane	2.21	50	33036	21.043	ug/l	95
4) Vinyl Chloride	2.36	62	41681	21.653	ug/l	96
5) Bromomethane	2.77	94	22753	21.767	ug/l	96
6) Chloroethane	2.91	64	24399	21.241	ug/l	91
7) Trichlorofluoromethane	3.25	101	25663	19.320	ug/l	95
8) Diethyl Ether	3.68	74	20592	18.444	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40425	19.392	ug/l	97
10) Methyl Iodide	4.27	142	51307	19.551	ug/l	98
11) Tert butyl alcohol	5.18	59	17722	86.999	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	37577	19.096	ug/l	92
13) Acrolein	3.90	56	17282	79.947	ug/l	100
14) Allyl chloride	4.66	41	73966	18.170	ug/l	99
15) Acrylonitrile	5.37	53	57233	87.769	ug/l	99
16) Acetone	4.13	43	55744	76.800	ug/l	99
17) Carbon Disulfide	4.38	76	80251	19.213	ug/l	98
18) Methyl Acetate	4.67	43	30818	18.097	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	74466	19.081	ug/l	93
20) Methylene Chloride	4.91	84	43260	19.051	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	39976	19.910	ug/l	92
22) Diisopropyl ether	6.31	45	149252	18.486	ug/l	95
23) Vinyl Acetate	6.25	43	469935	91.844	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82598	19.000	ug/l	99
25) 2-Butanone	7.17	43	82720	90.988	ug/l	99
26) 2,2-Dichloropropane	7.17	77	51267	18.672	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	45404	19.502	ug/l	98
28) Bromochloromethane	7.51	49	33903	16.985	ug/l #	92
29) Tetrahydrofuran	7.53	42	50477	86.118	ug/l	96
30) Chloroform	7.68	83	81298	18.870	ug/l	98
31) Cyclohexane	7.95	56	73745	18.843	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	65550	18.770	ug/l	99
36) 1,1-Dichloropropene	8.08	75	62205	19.793	ug/l	99
37) Ethyl Acetate	7.25	43	33640	16.791	ug/l	98
38) Carbon Tetrachloride	8.07	117	59198	19.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71229	20.180	ug/l	97
40) Benzene	8.32	78	170144	19.513	ug/l	100
41) Methacrylonitrile	7.48	41	20677	17.856	ug/l	93
42) 1,2-Dichloroethane	8.40	62	56074	18.273	ug/l	97
43) Isopropyl Acetate	8.43	43	68099	17.942	ug/l	98
44) Trichloroethene	9.09	130	44715	19.894	ug/l	88
45) 1,2-Dichloropropane	9.37	63	45705	18.899	ug/l	98
46) Dibromomethane	9.46	93	21529	18.799	ug/l	96
47) Bromodichloromethane	9.65	83	58246	18.487	ug/l	98
48) Methyl methacrylate	9.43	41	31014	17.098	ug/l	98
49) 1,4-Dioxane	9.46	88	8154	360.461	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	176484	88.612	ug/l	98
52) Toluene	10.38	92	107501	19.753	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	59506	18.367	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	68824	18.726	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33249	19.393	ug/l	99
56) Ethyl methacrylate	10.65	69	47372	18.876	ug/l	96
57) 1,3-Dichloropropane	10.93	76	58302	18.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	123310	92.551	ug/l	97
59) 2-Hexanone	10.97	43	122619	84.271	ug/l	98
60) Dibromochloromethane	11.13	129	36724	18.213	ug/l	97
61) 1,2-Dibromoethane	11.24	107	29255	18.612	ug/l	98
64) Tetrachloroethene	10.86	164	37123	20.186	ug/l	97
65) Chlorobenzene	11.66	112	113111	19.746	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	41843	19.615	ug/l	99
67) Ethyl Benzene	11.73	91	212909	19.810	ug/l	100
68) m/p-Xylenes	11.84	106	155891	40.184	ug/l	100
69) o-Xylene	12.16	106	72824	19.897	ug/l	99
70) Styrene	12.18	104	127158	19.661	ug/l	100
71) Bromoform	12.35	173	22083	18.632	ug/l #	99
73) Isopropylbenzene	12.46	105	212204	19.608	ug/l	100
74) N-amyl acetate	12.27	43	59290	17.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	40155	18.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32253m	20.903	ug/l	
77) Bromobenzene	12.74	156	47660	19.438	ug/l	96
78) n-propylbenzene	12.80	91	252201	19.485	ug/l	100
79) 2-Chlorotoluene	12.89	91	142793	19.217	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	179921	19.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12929	17.723	ug/l	98
82) 4-Chlorotoluene	12.99	91	149546	19.027	ug/l	99
83) tert-Butylbenzene	13.21	119	158689	19.680	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	177799	19.349	ug/l	99
85) sec-Butylbenzene	13.38	105	215912	19.296	ug/l	99
86) p-Isopropyltoluene	13.50	119	200068	19.575	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92536	19.201	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92456	19.279	ug/l	99
89) n-Butylbenzene	13.82	91	187860	18.933	ug/l	99
90) Hexachloroethane	14.09	117	33045	18.521	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	85744	19.767	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6833	17.179	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	59060	19.556	ug/l	99
94) Hexachlorobutadiene	15.24	225	40983	19.606	ug/l	100
95) Naphthalene	15.36	128	106956	19.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	52301	19.619	ug/l	99

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

