

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011445.D
 Acq On : 23 Jul 2019 21:48
 Operator : SY/VA
 Sample : VW0724SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:10:52 PM

Quant Time: Jul 24 06:59:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116710	41.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.16%	
35) Dibromofluoromethane	7.88	113	94252	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
50) Toluene-d8	10.32	98	371145	40.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.64%	
62) 4-Bromofluorobenzene	12.62	95	137676	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27089	16.063	ug/l	94
3) Chloromethane	2.21	50	44764	20.600	ug/l	95
4) Vinyl Chloride	2.35	62	51956	18.267	ug/l	95
5) Bromomethane	2.76	94	26227	18.351	ug/l	95
6) Chloroethane	2.92	64	28372	18.520	ug/l	99
7) Trichlorofluoromethane	3.25	101	20728	20.514	ug/l	99
8) Diethyl Ether	3.68	74	27909	19.963	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44218	18.270	ug/l	99
10) Methyl Iodide	4.28	142	63157	18.973	ug/l	99
11) Tert butyl alcohol	5.18	59	21788	103.575	ug/l	95
12) 1,1-Dichloroethene	4.04	96	46341	18.448	ug/l	88
13) Acrolein	3.90	56	11896	71.017	ug/l	99
14) Allyl chloride	4.66	41	97459	21.276	ug/l	99
15) Acrylonitrile	5.37	53	70146	98.518	ug/l	97
16) Acetone	4.12	43	65022	95.110	ug/l	100
17) Carbon Disulfide	4.38	76	131310	17.242	ug/l	99
18) Methyl Acetate	4.67	43	50512	25.283	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	80759	21.188	ug/l	97
20) Methylene Chloride	4.92	84	56876	21.089	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51349	19.673	ug/l	96
22) Diisopropyl ether	6.31	45	205640	20.872	ug/l	98
23) Vinyl Acetate	6.25	43	566629	92.932	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104750	20.247	ug/l	97
25) 2-Butanone	7.17	43	103413	96.364	ug/l	97
26) 2,2-Dichloropropane	7.16	77	58901	21.902	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	57828	20.538	ug/l	97
28) Bromochloromethane	7.51	49	47939	20.379	ug/l #	100
29) Tetrahydrofuran	7.53	42	65441	92.999	ug/l	99
30) Chloroform	7.67	83	98652	20.590	ug/l	99
31) Cyclohexane	7.95	56	100375	18.237	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	72301	19.838	ug/l	99
36) 1,1-Dichloropropene	8.08	75	76995	19.161	ug/l	99
37) Ethyl Acetate	7.25	43	45763	18.955	ug/l	99
38) Carbon Tetrachloride	8.06	117	65096	19.109	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87938	18.055	ug/l	99
40) Benzene	8.32	78	223043	20.084	ug/l	99
41) Methacrylonitrile	7.48	41	27518	19.928	ug/l	95
42) 1,2-Dichloroethane	8.40	62	72340	20.081	ug/l	99
43) Isopropyl Acetate	8.42	43	84913	18.628	ug/l	98
44) Trichloroethene	9.09	130	52709	19.724	ug/l	95
45) 1,2-Dichloropropane	9.37	63	60898	20.250	ug/l	97
46) Dibromomethane	9.46	93	28080	19.877	ug/l	98
47) Bromodichloromethane	9.64	83	72058	19.936	ug/l	98
48) Methyl methacrylate	9.43	41	40013	18.246	ug/l	95
49) 1,4-Dioxane	9.46	88	8200	347.754	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	222112	93.280	ug/l	99
52) Toluene	10.39	92	132961	19.737	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72130	18.747	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86097	19.012	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39939	19.929	ug/l	96
56) Ethyl methacrylate	10.65	69	57384	18.807	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76070	20.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143181	101.222	ug/l	99
59) 2-Hexanone	10.97	43	149665	90.634	ug/l	98
60) Dibromochloromethane	11.13	129	43834	19.946	ug/l	98
61) 1,2-Dibromoethane	11.23	107	36974	19.477	ug/l	99
64) Tetrachloroethene	10.86	164	45931	20.197	ug/l	98
65) Chlorobenzene	11.66	112	135257	19.739	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	47706	19.773	ug/l	99
67) Ethyl Benzene	11.73	91	257267	19.612	ug/l	97
68) m/p-Xylenes	11.83	106	187903	39.588	ug/l	100
69) o-Xylene	12.16	106	88115	19.697	ug/l	99
70) Styrene	12.18	104	152714	19.780	ug/l	100
71) Bromoform	12.35	173	24188	18.856	ug/l #	97
73) Isopropylbenzene	12.46	105	243493	19.921	ug/l	100
74) N-amyl acetate	12.27	43	76998	18.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49394	19.714	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33628m	17.797	ug/l	
77) Bromobenzene	12.74	156	55752	20.325	ug/l	97
78) n-propylbenzene	12.80	91	297772	19.776	ug/l	100
79) 2-Chlorotoluene	12.89	91	169727	19.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	205687	19.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13349	15.979	ug/l	97
82) 4-Chlorotoluene	12.99	91	178653	19.796	ug/l	99
83) tert-Butylbenzene	13.21	119	172025	19.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	207647	19.915	ug/l	99
85) sec-Butylbenzene	13.38	105	244990	19.605	ug/l	99
86) p-Isopropyltoluene	13.50	119	221025	19.720	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105546	19.999	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	106943	20.123	ug/l	98
89) n-Butylbenzene	13.82	91	216881	19.397	ug/l	100
90) Hexachloroethane	14.10	117	39277	19.177	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	97267	20.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8207	18.466	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64902	19.680	ug/l	100
94) Hexachlorobutadiene	15.24	225	39708	19.612	ug/l	99
95) Naphthalene	15.37	128	116463	18.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57365	19.710	ug/l	99

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

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