

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008623.D
 Acq On : 12 Feb 2019 15:24
 Operator : SY/VA
 Sample : K1457-06MSD
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 K1457-11MSD

Quant Time: Feb 13 00:59:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	378616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	594470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	533063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	285195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	228252	61.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.74%	
35) Dibromofluoromethane	7.88	113	197503	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
50) Toluene-d8	10.32	98	753042	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.62	95	295866	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	106464	48.746	ug/l	97
3) Chloromethane	2.21	50	166842	53.985	ug/l	99
4) Vinyl Chloride	2.37	62	217313	55.237	ug/l	99
5) Bromomethane	2.78	94	145686	57.412	ug/l	95
6) Chloroethane	2.92	64	144482	60.050	ug/l	98
7) Trichlorofluoromethane	3.25	101	155295	45.819	ug/l	97
8) Diethyl Ether	3.67	74	102394	54.230	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	162987	47.596	ug/l	99
10) Methyl Iodide	4.26	142	238929	44.173	ug/l	98
11) Tert butyl alcohol	5.19	59	86659	289.378	ug/l	99
12) 1,1-Dichloroethene	4.03	96	153272	44.227	ug/l	92
13) Acrolein	3.88	56	50147	190.804	ug/l	96
14) Allyl chloride	4.65	41	287496	43.687	ug/l	95
15) Acrylonitrile	5.37	53	255201	313.007	ug/l	98
16) Acetone	4.12	43	223097	267.093	ug/l	98
17) Carbon Disulfide	4.37	76	397606	35.923	ug/l	100
18) Methyl Acetate	4.67	43	227774	102.239	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	342410	59.717	ug/l	99
20) Methylene Chloride	4.91	84	182336	47.362	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	175102	44.942	ug/l	99
22) Diisopropyl ether	6.31	45	606893	48.660	ug/l	99
23) Vinyl Acetate	6.25	43	1248327	169.507	ug/l	99
24) 1,1-Dichloroethane	6.21	63	332646	47.119	ug/l	98
25) 2-Butanone	7.17	43	360222	310.486	ug/l	96
26) 2,2-Dichloropropane	7.16	77	211019	44.221	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	202955	47.797	ug/l	99
28) Bromochloromethane	7.50	49	170073	52.450	ug/l	100
29) Tetrahydrofuran	7.53	42	236085	321.112	ug/l	97
30) Chloroform	7.67	83	349322	50.307	ug/l	99
31) Cyclohexane	7.95	56	278380	38.135	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	287608	47.954	ug/l	99
36) 1,1-Dichloropropene	8.08	75	261232	46.520	ug/l	100
37) Ethyl Acetate	7.25	43	144822	58.292	ug/l	100
38) Carbon Tetrachloride	8.06	117	271218	47.997	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	289380	39.228	ug/l	99
40) Benzene	8.32	78	737769	47.347	ug/l	98
41) Methacrylonitrile	7.48	41	94192	64.030	ug/l	97
42) 1,2-Dichloroethane	8.40	62	245960	54.468	ug/l	99
43) Isopropyl Acetate	8.42	43	306629	59.407	ug/l	99
44) Trichloroethene	9.09	130	199003	46.965	ug/l	98
45) 1,2-Dichloropropane	9.37	63	191066	49.178	ug/l	99
46) Dibromomethane	9.45	93	110808	55.451	ug/l	99
47) Bromodichloromethane	9.64	83	263367	49.828	ug/l	99
48) Methyl methacrylate	9.43	41	158670	62.870	ug/l	94
49) 1,4-Dioxane	9.46	88	36183	1071.213	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	854113	334.956	ug/l	99
52) Toluene	10.38	92	479823	46.648	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	288342	51.268	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	305896	47.926	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	153965	55.548	ug/l	98
56) Ethyl methacrylate	10.65	69	200003	51.496	ug/l	97
57) 1,3-Dichloropropane	10.93	76	273261	55.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	598092	316.945	ug/l	100
59) 2-Hexanone	10.97	43	601815	334.315	ug/l	98
60) Dibromochloromethane	11.13	129	189107	53.091	ug/l	98
61) 1,2-Dibromoethane	11.23	107	152706	55.563	ug/l	99
64) Tetrachloroethene	10.86	164	177477	49.174	ug/l	96
65) Chlorobenzene	11.66	112	528807	48.596	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	199897	51.344	ug/l	100
67) Ethyl Benzene	11.73	91	966528	48.321	ug/l	99
68) m/p-Xylenes	11.84	106	741418	95.533	ug/l	99
69) o-Xylene	12.16	106	356586	48.357	ug/l	99
70) Styrene	12.18	104	591155	48.534	ug/l	99
71) Bromoform	12.35	173	122855	56.085	ug/l #	100
73) Isopropylbenzene	12.46	105	990411	46.582	ug/l	100
74) N-amyl acetate	12.27	43	273596	49.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	209716	62.301	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	146880m	59.236	ug/l	
77) Bromobenzene	12.74	156	227218	48.934	ug/l	98
78) n-propylbenzene	12.80	91	1159915	45.421	ug/l	100
79) 2-Chlorotoluene	12.90	91	664336	46.101	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	811300	45.652	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	69468	55.334	ug/l	93
82) 4-Chlorotoluene	12.99	91	711607	46.382	ug/l	100
83) tert-Butylbenzene	13.21	119	714895	45.205	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	842699	46.653	ug/l	99
85) sec-Butylbenzene	13.38	105	1004828	44.491	ug/l	99
86) p-Isopropyltoluene	13.50	119	895571	45.269	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	440999	47.026	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	445489	47.801	ug/l	99
89) n-Butylbenzene	13.83	91	803489	41.365	ug/l	99
90) Hexachloroethane	14.10	117	166740	43.098	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	401936	48.440	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38867	60.854	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	237039	40.032	ug/l	98
94) Hexachlorobutadiene	15.24	225	112664	31.572	ug/l	99
95) Naphthalene	15.37	128	546730	52.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	201563	40.129	ug/l	97

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

