

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008574.D
 Acq On : 01 Apr 2019 17:20
 Operator : JC/SP
 Sample : K2189-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-818-820MSD

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:06:17 AM

Quant Time: Apr 02 02:07:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134780	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	99749	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	395553	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	149090	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75465	35.852	ug/l	99
3) Chloromethane	1.32	50	113632	42.684	ug/l	100
4) Vinyl Chloride	1.40	62	118793	40.420	ug/l	99
5) Bromomethane	1.64	94	45667	30.343	ug/l	100
6) Chloroethane	1.71	64	88046	50.571	ug/l	100
7) Trichlorofluoromethane	1.92	101	134407	40.380	ug/l	99
8) Diethyl Ether	2.18	74	69834	44.333	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81498	40.514	ug/l	99
10) Methyl Iodide	2.51	142	55441	30.115	ug/l	99
11) Tert butyl alcohol	3.06	59	177363	295.705	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91572	44.079	ug/l	98
13) Acrolein	2.29	56	94477	216.905	ug/l	99
14) Allyl chloride	2.72	41	218888	47.825	ug/l	98
15) Acrylonitrile	3.14	53	393804	250.388	ug/l	100
16) Acetone	2.45	43	335740	237.285	ug/l	100
17) Carbon Disulfide	2.57	76	260598	43.672	ug/l	99
18) Methyl Acetate	2.77	43	169072	49.753	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	367336	49.067	ug/l	98
20) Methylene Chloride	2.85	84	115323	49.939	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	99076	47.849	ug/l	96
22) Diisopropyl ether	3.85	45	436665	48.453	ug/l	98
23) Vinyl Acetate	3.81	43	1901014	241.781	ug/l	100
24) 1,1-Dichloroethane	3.70	63	214554	47.157	ug/l	99
25) 2-Butanone	4.67	43	580694	255.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	143904	47.553	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	119871	47.186	ug/l	98
28) Bromochloromethane	5.02	49	104840	46.641	ug/l	100
29) Tetrahydrofuran	5.13	42	378234	252.996	ug/l	99
30) Chloroform	5.21	83	194265	47.312	ug/l	99
31) Cyclohexane	5.57	56	182063	41.957	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	156169	47.583	ug/l	100
36) 1,1-Dichloropropene	5.80	75	145215	44.435	ug/l	100
37) Ethyl Acetate	4.84	43	209540	49.493	ug/l	100
38) Carbon Tetrachloride	5.78	117	127288	46.672	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156091	39.966	ug/l	99
40) Benzene	6.14	78	455253	46.532	ug/l	98
41) Methacrylonitrile	5.04	41	122298	51.402	ug/l	99
42) 1,2-Dichloroethane	6.19	62	165592	46.227	ug/l	100
43) Isopropyl Acetate	6.45	43	339170	50.085	ug/l	100
44) Trichloroethene	7.21	130	104443	45.465	ug/l	99
45) 1,2-Dichloropropane	7.51	63	132214	47.543	ug/l	99
46) Dibromomethane	7.66	93	76385	47.038	ug/l	99
47) Bromodichloromethane	7.90	83	152781	49.153	ug/l	100
48) Methyl methacrylate	7.77	41	173466	51.195	ug/l	98
49) 1,4-Dioxane	7.74	88	67361	999.836	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1163427	264.514	ug/l	99
52) Toluene	8.78	92	273771	46.799	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173600	50.991	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	192908	49.829	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	115631	48.557	ug/l	99
56) Ethyl methacrylate	9.18	69	218540	50.841	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204503	47.898	ug/l	100
59) 2-Hexanone	9.49	43	887343	260.363	ug/l	100
60) Dibromochloromethane	9.58	129	113690	50.201	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118744	48.862	ug/l	100
64) Tetrachloroethene	9.34	164	84954	45.559	ug/l	98
65) Chlorobenzene	10.14	112	283215	47.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	102242	49.474	ug/l	98
67) Ethyl Benzene	10.25	91	531075	46.978	ug/l	99
68) m/p-Xylenes	10.36	106	381800	92.836	ug/l	99
69) o-Xylene	10.69	106	188509	47.233	ug/l	99
70) Styrene	10.71	104	331103	48.028	ug/l	100
71) Bromoform	10.85	173	84061	51.506	ug/l #	99
73) Isopropylbenzene	11.02	105	498314	46.979	ug/l	100
74) N-amyl acetate	10.90	43	302567	49.282	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	196134	47.657	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167050m	43.097	ug/l	
77) Bromobenzene	11.26	156	122483	47.578	ug/l	98
78) n-propylbenzene	11.36	91	576594	46.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	350765	46.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	418614	46.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63916	52.814	ug/l	99
82) 4-Chlorotoluene	11.51	91	401952	46.107	ug/l	99
83) tert-Butylbenzene	11.77	119	406309	46.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	422853	46.620	ug/l	99
85) sec-Butylbenzene	11.94	105	478908	46.482	ug/l	99
86) p-Isopropyltoluene	12.06	119	430700	47.375	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213122	46.335	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	212561	45.790	ug/l	100
89) n-Butylbenzene	12.38	91	399899	46.434	ug/l	100
90) Hexachloroethane	12.60	117	73237	48.354	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215368	46.757	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43838	48.852	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	145760	47.002	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	68373	46.433	ug/l	100
95) Naphthalene	13.83	128	510107	47.978	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147797	47.429	ug/l	100

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

