

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007818.D
 Acq On : 04 Mar 2019 18:35
 Operator : JC/SP
 Sample : K1719-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:48 AM

Quant Time: Mar 04 22:26:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171286	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
35) Dibromofluoromethane	5.50	113	153161	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.71	98	559865	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	200165	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112924	39.917	ug/l	99
3) Chloromethane	1.33	50	143598	45.806	ug/l	100
4) Vinyl Chloride	1.41	62	153757	47.806	ug/l	100
5) Bromomethane	1.64	94	81802	40.070	ug/l	99
6) Chloroethane	1.71	64	101220	49.259	ug/l	99
7) Trichlorofluoromethane	1.93	101	210694	42.732	ug/l	99
8) Diethyl Ether	2.19	74	96801	47.838	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	123878	41.569	ug/l	99
10) Methyl Iodide	2.51	142	198972	53.621	ug/l	97
11) Tert butyl alcohol	3.08	59	181960	252.112	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127753	47.558	ug/l	95
13) Acrolein	2.30	56	233847	364.616	ug/l	100
14) Allyl chloride	2.73	41	268893	54.136	ug/l	90
15) Acrylonitrile	3.15	53	456491	268.764	ug/l	100
16) Acetone	2.45	43	381271	225.388	ug/l	98
17) Carbon Disulfide	2.57	76	363655	48.660	ug/l	99
18) Methyl Acetate	2.78	43	207346	56.172	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	473551	50.623	ug/l	98
20) Methylene Chloride	2.86	84	144815	46.361	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	136884	46.873	ug/l	95
22) Diisopropyl ether	3.87	45	515256	49.833	ug/l	93
23) Vinyl Acetate	3.82	43	2120854	233.791	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273977	48.756	ug/l	98
25) 2-Butanone	4.70	43	632129	245.317	ug/l	95
26) 2,2-Dichloropropane	4.59	77	175194	39.057	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	164914	44.381	ug/l	95
28) Bromochloromethane	5.02	49	127297	46.532	ug/l	88
29) Tetrahydrofuran	5.15	42	422541	248.766	ug/l	94
30) Chloroform	5.21	83	262093	43.542	ug/l	99
31) Cyclohexane	5.57	56	235797	44.609	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	221612	44.517	ug/l	99
36) 1,1-Dichloropropene	5.80	75	194848	47.390	ug/l	97
37) Ethyl Acetate	4.85	43	226575	49.609	ug/l	99
38) Carbon Tetrachloride	5.78	117	191752	46.428	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224093	43.125	ug/l	96
40) Benzene	6.14	78	609992	48.061	ug/l	99
41) Methacrylonitrile	5.06	41	134768	55.259	ug/l	94
42) 1,2-Dichloroethane	6.20	62	199804	46.837	ug/l	98
43) Isopropyl Acetate	6.46	43	365038	51.931	ug/l	98
44) Trichloroethene	7.21	130	197378	56.532	ug/l	98
45) 1,2-Dichloropropane	7.51	63	164158	49.930	ug/l	99
46) Dibromomethane	7.66	93	101843	44.402	ug/l	97
47) Bromodichloromethane	7.90	83	196118	49.340	ug/l	99
48) Methyl methacrylate	7.77	41	194569	52.806	ug/l	91
49) 1,4-Dioxane	7.75	88	74048	930.467	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1192433	253.427	ug/l	99
52) Toluene	8.79	92	374737	46.822	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	218433	44.528	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239613	49.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	155716	46.657	ug/l	98
56) Ethyl methacrylate	9.18	69	242771	51.151	ug/l	94
57) 1,3-Dichloropropane	9.37	76	259721	48.614	ug/l	100
59) 2-Hexanone	9.49	43	893130	241.776	ug/l	98
60) Dibromochloromethane	9.58	129	163759	50.993	ug/l	97
61) 1,2-Dibromoethane	9.67	107	163552	47.199	ug/l	98
64) Tetrachloroethene	9.34	164	162545	50.082	ug/l	99
65) Chlorobenzene	10.14	112	410424	47.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154251	51.141	ug/l	99
67) Ethyl Benzene	10.25	91	691891	48.304	ug/l	100
68) m/p-Xylenes	10.36	106	530557	95.212	ug/l	97
69) o-Xylene	10.69	106	260918	48.679	ug/l	97
70) Stvrene	10.71	104	419177	47.579	ug/l	99
71) Bromoform	10.86	173	132335	58.510	ug/l	99
73) Isopropylbenzene	11.02	105	691419	48.196	ug/l	100
74) N-amyl acetate	10.90	43	309259	49.641	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229858	46.325	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	223961m	52.345	ug/l	
77) Bromobenzene	11.26	156	184043	51.147	ug/l	95
78) n-propylbenzene	11.36	91	761815	46.993	ug/l	98
79) 2-Chlorotoluene	11.42	91	453076	46.416	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	561150	47.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69439	43.882	ug/l	90
82) 4-Chlorotoluene	11.51	91	516776	45.256	ug/l	98
83) tert-Butylbenzene	11.77	119	570519	50.354	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	575205	47.653	ug/l	98
85) sec-Butylbenzene	11.94	105	673196	47.415	ug/l	99
86) p-Isopropyltoluene	12.06	119	602054	48.420	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	320592	48.032	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319997	46.813	ug/l	100
89) n-Butylbenzene	12.38	91	496592	44.783	ug/l	99
90) Hexachloroethane	12.60	117	101232	48.320	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	321800	48.186	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49936	46.189	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	220622	54.120	ug/l	100

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QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	112554	60.355	ug/l	100
95) Naphthalene	13.83	128	681770	51.621	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223044	54.491	ug/l	100

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

