

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008923.D
 Acq On : 13 Apr 2019 06:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:58 PM

Quant Time: Apr 13 07:16:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	146802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	247758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103261	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.50	113	77801	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	301628	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	110056	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91252	54.001	ug/l	99
3) Chloromethane	1.32	50	115074	55.760	ug/l	100
4) Vinyl Chloride	1.41	62	109550	47.957	ug/l	98
5) Bromomethane	1.64	94	65278	57.708	ug/l	98
6) Chloroethane	1.71	64	64727	52.005	ug/l	98
7) Trichlorofluoromethane	1.92	101	123806	49.030	ug/l	97
8) Diethyl Ether	2.19	74	58532	48.880	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72806	44.783	ug/l	96
10) Methyl Iodide	2.51	142	77906	52.406	ug/l	99
11) Tert butyl alcohol	3.06	59	135329	269.967	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81657	48.114	ug/l	99
13) Acrolein	2.29	56	71201	286.453	ug/l	98
14) Allyl chloride	2.73	41	180214	46.385	ug/l	99
15) Acrylonitrile	3.14	53	327123	246.332	ug/l	99
16) Acetone	2.45	43	283180	229.618	ug/l	98
17) Carbon Disulfide	2.57	76	235826	48.090	ug/l	99
18) Methyl Acetate	2.78	43	146391	48.943	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	316413	52.205	ug/l	100
20) Methylene Chloride	2.85	84	96861	46.921	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	85979	46.836	ug/l	92
22) Diisopropyl ether	3.86	45	367066	49.018	ug/l	99
23) Vinyl Acetate	3.82	43	1663608	255.373	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180499	48.684	ug/l	99
25) 2-Butanone	4.68	43	488305	250.514	ug/l	99
26) 2,2-Dichloropropane	4.58	77	81307	31.136	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	101354	48.021	ug/l	94
28) Bromochloromethane	5.02	49	82026	53.154	ug/l	96
29) Tetrahydrofuran	5.13	42	323612	250.138	ug/l	100
30) Chloroform	5.21	83	162469	49.062	ug/l	100
31) Cyclohexane	5.58	56	166483	45.001	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	135239	50.538	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123409	45.568	ug/l	99
37) Ethyl Acetate	4.84	43	184988	51.173	ug/l	99
38) Carbon Tetrachloride	5.79	117	112270	50.087	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142968	42.734	ug/l	99
40) Benzene	6.14	78	392720	48.675	ug/l	99
41) Methacrylonitrile	5.04	41	102581	49.368	ug/l	100
42) 1,2-Dichloroethane	6.19	62	139759	48.319	ug/l	99
43) Isopropyl Acetate	6.45	43	297454	52.528	ug/l	100
44) Trichloroethene	7.21	130	91139	48.501	ug/l	96
45) 1,2-Dichloropropane	7.51	63	110807	48.117	ug/l	97
46) Dibromomethane	7.66	93	64381	48.203	ug/l	97
47) Bromodichloromethane	7.90	83	127419	50.597	ug/l	99
48) Methyl methacrylate	7.77	41	147813	51.601	ug/l	98
49) 1,4-Dioxane	7.74	88	51715	963.739	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	943175	258.733	ug/l	99
52) Toluene	8.79	92	236482	49.716	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	141315	50.095	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	154458	47.919	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95367	49.948	ug/l	99
56) Ethyl methacrylate	9.18	69	181615	52.572	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170657	49.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	457736	259.489	ug/l	98
59) 2-Hexanone	9.49	43	715968	252.726	ug/l	100
60) Dibromochloromethane	9.58	129	96175	53.454	ug/l	100
61) 1,2-Dibromoethane	9.67	107	100158	50.389	ug/l	99
64) Tetrachloroethene	9.33	164	83835	50.845	ug/l	99
65) Chlorobenzene	10.14	112	240008	48.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88194	50.960	ug/l	99
67) Ethyl Benzene	10.25	91	440896	47.930	ug/l	99
68) m/p-Xylenes	10.36	106	321209	97.117	ug/l	98
69) o-Xylene	10.70	106	156206	48.734	ug/l	99
70) Styrene	10.71	104	276123	49.976	ug/l	100
71) Bromoform	10.85	173	72314	54.709	ug/l #	100
73) Isopropylbenzene	11.02	105	414492	47.959	ug/l	100
74) N-amyl acetate	10.90	43	257581	50.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	153638	46.742	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	130826m	45.666	ug/l	
77) Bromobenzene	11.26	156	103797	49.958	ug/l	97
78) n-propylbenzene	11.36	91	469833	46.688	ug/l	99
79) 2-Chlorotoluene	11.42	91	285547	46.890	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	344886	47.540	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	47571	45.772	ug/l	97
82) 4-Chlorotoluene	11.51	91	323005	45.822	ug/l	98
83) tert-Butylbenzene	11.77	119	329913	47.268	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	351366	47.832	ug/l	100
85) sec-Butylbenzene	11.94	105	393254	47.434	ug/l	99
86) p-Isopropyltoluene	12.06	119	353785	47.545	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	176060	47.334	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	174801	46.410	ug/l	99
89) n-Butylbenzene	12.38	91	313997	44.996	ug/l	99
90) Hexachloroethane	12.60	117	62662	50.772	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	177431	48.045	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35408	48.970	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123221	47.988	ug/l	99
94) Hexachlorobutadiene	13.78	225	58075	47.160	ug/l	99
95) Naphthalene	13.83	128	429042	49.994	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126614	49.353	ug/l	98

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

