

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006161.D
 Acq On : 22 Nov 2018 08:55
 Operator : JC/MD
 Sample : J6030-02MS 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:30 AM

Quant Time: Nov 22 23:24:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175089	59.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.74%	
35) Dibromofluoromethane	5.50	113	139329	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	8.71	98	474113	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	177377	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84945	45.289	ug/l	97
3) Chloromethane	1.32	50	159921	67.495	ug/l	96
4) Vinyl Chloride	1.41	62	125886	52.234	ug/l	91
5) Bromomethane	1.64	94	95876	51.597	ug/l	99
6) Chloroethane	1.72	64	180330	113.930	ug/l	89
7) Trichlorofluoromethane	1.93	101	154111	48.881	ug/l	97
8) Diethyl Ether	2.19	74	77174	57.907	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79386	42.464	ug/l	98
10) Methyl Iodide	2.51	142	128199	54.695	ug/l	99
11) Tert butyl alcohol	3.07	59	177673	285.574	ug/l	97
12) 1,1-Dichloroethene	2.37	96	88611	48.620	ug/l	96
13) Acrolein	2.29	56	30628	82.268	ug/l	96
14) Allyl chloride	2.73	41	196216	52.623	ug/l #	82
15) Acrylonitrile	3.15	53	389529	283.457	ug/l	99
16) Acetone	2.45	43	395690	304.888	ug/l	100
17) Carbon Disulfide	2.57	76	10223945	2077.578	ug/l	99
18) Methyl Acetate	2.78	43	198505	59.644	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	376678	59.794	ug/l	98
20) Methylene Chloride	2.85	84	115480	58.849	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	100853	52.890	ug/l	99
22) Diisopropyl ether	3.87	45	485666	60.845	ug/l	90
23) Vinyl Acetate	3.82	43	2149411	324.578	ug/l	100
24) 1,1-Dichloroethane	3.70	63	209476	55.705	ug/l	99
25) 2-Butanone	4.70	43	691717	287.147	ug/l	99
26) 2,2-Dichloropropane	4.58	77	122527	39.533	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	144453	54.201	ug/l	98
28) Bromochloromethane	5.02	49	131355	59.933	ug/l	99
29) Tetrahydrofuran	5.15	42	443055	294.833	ug/l	99
30) Chloroform	5.21	83	250240	54.913	ug/l	98
31) Cyclohexane	5.58	56	167014	42.519	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	198047	53.823	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156628	44.747	ug/l	99
37) Ethyl Acetate	4.85	43	251738	55.900	ug/l	100
38) Carbon Tetrachloride	5.78	117	162008	49.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162620	40.780	ug/l	97
40) Benzene	6.14	78	575675	55.823	ug/l	98
41) Methacrylonitrile	5.06	41	139638	56.266	ug/l	99
42) 1,2-Dichloroethane	6.20	62	209749	54.403	ug/l	100
43) Isopropyl Acetate	6.46	43	381226	58.618	ug/l	99
44) Trichloroethene	7.21	130	134374	46.883	ug/l	94
45) 1,2-Dichloropropane	7.51	63	151249	55.420	ug/l	98
46) Dibromomethane	7.66	93	103206	55.219	ug/l	99
47) Bromodichloromethane	7.90	83	195632	56.594	ug/l	99
48) Methyl methacrylate	7.77	41	201781	61.176	ug/l	99
49) 1,4-Dioxane	7.75	88	80217	1025.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1354005	290.411	ug/l	100
52) Toluene	8.79	92	336278	52.720	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	195420	54.174	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	206898	51.884	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	150891	54.622	ug/l	97
56) Ethyl methacrylate	9.18	69	230471	53.371	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248657	54.609	ug/l	100
59) 2-Hexanone	9.49	43	1071259	289.521	ug/l	100
60) Dibromochloromethane	9.59	129	158651	58.579	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161592	56.780	ug/l	100
64) Tetrachloroethene	9.34	164	110153	37.932	ug/l	98
65) Chlorobenzene	10.14	112	364472	50.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	140534	56.552	ug/l	99
67) Ethyl Benzene	10.25	91	601192	50.726	ug/l	100
68) m/p-Xylenes	10.36	106	477336	103.431	ug/l	100
69) o-Xylene	10.70	106	237469	53.869	ug/l	99
70) Styrene	10.71	104	367748	51.164	ug/l	98
71) Bromoform	10.86	173	132223	59.442	ug/l	100
73) Isopropylbenzene	11.02	105	580693	50.869	ug/l	99
74) N-amyl acetate	10.90	43	344704	58.834	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	259860	60.404	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234747m	60.435	ug/l	
77) Bromobenzene	11.26	156	170349	53.269	ug/l	99
78) n-propylbenzene	11.36	91	659699	49.622	ug/l	100
79) 2-Chlorotoluene	11.42	91	412697	51.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	497056	51.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57962	50.470	ug/l	99
82) 4-Chlorotoluene	11.51	91	484103	51.577	ug/l	99
83) tert-Butylbenzene	11.77	119	505350	53.783	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	531728	54.160	ug/l	99
85) sec-Butylbenzene	11.94	105	568401	49.456	ug/l	99
86) p-Isopropyltoluene	12.07	119	515482	50.306	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	298952	50.701	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	305174	49.926	ug/l	100
89) n-Butylbenzene	12.39	91	447219	48.205	ug/l	99
90) Hexachloroethane	12.60	117	84239	51.516	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	318087	52.766	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61182	61.289	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	226962	53.445	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	96129	46.447	ug/l	99
95) Naphthalene	13.83	128	1169689	93.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238687	55.132	ug/l	99

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

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