

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006658.D
 Acq On : 20 Dec 2018 00:44
 Operator : JC/MD
 Sample : J6484-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MS

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 10:00:46 AM

Quant Time: Dec 20 05:02:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	553996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	879261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	813759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	313162	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	285445	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.71	98	1059125	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	400144	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	236654	46.695	ug/l	100
3) Chloromethane	1.33	50	269023	49.271	ug/l	96
4) Vinyl Chloride	1.41	62	288281	50.553	ug/l	99
5) Bromomethane	1.64	94	279205	52.564	ug/l	98
6) Chloroethane	1.72	64	185268	46.921	ug/l	100
7) Trichlorofluoromethane	1.93	101	443233	49.853	ug/l	100
8) Diethyl Ether	2.19	74	175340	49.653	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	250746	48.033	ug/l	98
10) Methyl Iodide	2.51	142	424995	56.874	ug/l	100
11) Tert butyl alcohol	3.07	59	350081	262.724	ug/l	99
12) 1,1-Dichloroethene	2.37	96	250766	50.662	ug/l	98
13) Acrolein	2.29	56	196749	218.874	ug/l	98
14) Allyl chloride	2.73	41	418055	50.177	ug/l	99
15) Acrylonitrile	3.15	53	789990	267.017	ug/l	99
16) Acetone	2.45	43	651798	237.610	ug/l	99
17) Carbon Disulfide	2.57	76	588067	44.894	ug/l	99
18) Methyl Acetate	2.78	43	418073	51.831	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	861415	52.434	ug/l	100
20) Methylene Chloride	2.85	84	286103	50.438	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	266305	48.557	ug/l	99
22) Diisopropyl ether	3.87	45	800344	52.508	ug/l	99
23) Vinyl Acetate	3.82	43	3010947	241.499	ug/l	100
24) 1,1-Dichloroethane	3.70	63	457963	50.331	ug/l	98
25) 2-Butanone	4.70	43	986615	255.695	ug/l	99
26) 2,2-Dichloropropane	4.59	77	283530	40.340	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	305896	50.553	ug/l	99
28) Bromochloromethane	5.02	49	210697	55.122	ug/l	98
29) Tetrahydrofuran	5.15	42	670943	264.008	ug/l	100
30) Chloroform	5.21	83	484469	51.416	ug/l	98
31) Cyclohexane	5.57	56	394627	47.740	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	409036	51.411	ug/l	99
36) 1,1-Dichloropropene	5.80	75	346680	47.606	ug/l	99
37) Ethyl Acetate	4.85	43	357575	47.176	ug/l	99
38) Carbon Tetrachloride	5.78	117	344959	48.742	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435636	45.439	ug/l	100
40) Benzene	6.14	78	1087306	49.120	ug/l	99
41) Methacrylonitrile	5.06	41	215078	53.447	ug/l	98
42) 1,2-Dichloroethane	6.20	62	371720	49.281	ug/l	99
43) Isopropyl Acetate	6.46	43	580860	50.367	ug/l	99
44) Trichloroethene	7.21	130	317988	47.462	ug/l	95
45) 1,2-Dichloropropane	7.51	63	269845	50.094	ug/l	99
46) Dibromomethane	7.66	93	197698	49.896	ug/l	99
47) Bromodichloromethane	7.90	83	330293	50.210	ug/l	99
48) Methyl methacrylate	7.77	41	307252	52.390	ug/l	98
49) 1,4-Dioxane	7.75	88	164538	1073.750	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2002996	272.967	ug/l	99
52) Toluene	8.79	92	718184	50.220	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	358983	50.883	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	396807	51.259	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	300335	51.308	ug/l	99
56) Ethyl methacrylate	9.18	69	445419	53.839	ug/l	98
57) 1,3-Dichloropropane	9.37	76	476958	50.645	ug/l	100
59) 2-Hexanone	9.49	43	1526105	271.823	ug/l	100
60) Dibromochloromethane	9.59	129	287518	47.105	ug/l	98
61) 1,2-Dibromoethane	9.67	107	326177	52.419	ug/l	100
64) Tetrachloroethene	9.34	164	297847	46.223	ug/l	100
65) Chlorobenzene	10.14	112	841386	48.873	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	279011	51.945	ug/l	100
67) Ethyl Benzene	10.25	91	1382392	49.140	ug/l	99
68) m/p-Xylenes	10.36	106	1121894	101.065	ug/l	99
69) o-Xylene	10.69	106	547383	49.936	ug/l	98
70) Stvrene	10.71	104	889743	51.305	ug/l	100
71) Bromoform	10.86	173	211187	44.161	ug/l	100
73) Isopropylbenzene	11.02	105	1451025	49.252	ug/l	99
74) N-amyl acetate	10.90	43	525923	49.873	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	455918	52.035	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	418180m	52.252	ug/l	
77) Bromobenzene	11.26	156	389164	48.860	ug/l	98
78) n-propylbenzene	11.36	91	1601362	49.360	ug/l	99
79) 2-Chlorotoluene	11.42	91	953076	48.477	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1200062	49.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110123	42.563	ug/l	97
82) 4-Chlorotoluene	11.51	91	1109057	49.178	ug/l	100
83) tert-Butylbenzene	11.77	119	1232702	50.757	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1239715	48.571	ug/l	100
85) sec-Butylbenzene	11.94	105	1467524	49.285	ug/l	100
86) p-Isopropyltoluene	12.07	119	1316354	50.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	709637	49.436	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706516	48.011	ug/l	100
89) n-Butylbenzene	12.39	91	1106366	49.666	ug/l	99
90) Hexachloroethane	12.60	117	184355	45.332	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	704402	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93212	51.415	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	482813	48.743	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	211863	45.379	ug/l	99
95) Naphthalene	13.83	128	1573126	49.760	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	495594	48.459	ug/l	98

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

