

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006283.D
 Acq On : 04 Dec 2018 17:21
 Operator : JC/MD
 Sample : VX1204WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:11:54 AM

Quant Time: Dec 05 01:07:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	669476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1014266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	925608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	355038	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	5.50	113	336997	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.71	98	1230525	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.13	95	459210	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132828	20.263	ug/l	99
3) Chloromethane	1.33	50	122688	18.213	ug/l	99
4) Vinyl Chloride	1.41	62	137564	18.975	ug/l	98
5) Bromomethane	1.64	94	63108	12.560	ug/l	98
6) Chloroethane	1.73	64	94035	21.154	ug/l	97
7) Trichlorofluoromethane	1.93	101	209880	18.859	ug/l	96
8) Diethyl Ether	2.19	74	78810	18.711	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118701	18.758	ug/l	99
10) Methyl Iodide	2.51	142	76197	7.990	ug/l	98
11) Tert butyl alcohol	3.07	59	177444	94.940	ug/l	99
12) 1,1-Dichloroethene	2.38	96	112687	18.602	ug/l	93
13) Acrolein	2.29	56	94707	92.710	ug/l	96
14) Allyl chloride	2.73	41	214243	17.903	ug/l	99
15) Acrylonitrile	3.15	53	358231	91.850	ug/l	99
16) Acetone	2.45	43	315691	98.430	ug/l	100
17) Carbon Disulfide	2.57	76	327542	17.547	ug/l	100
18) Methyl Acetate	2.78	43	206586	19.261	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	408729	18.913	ug/l	99
20) Methylene Chloride	2.86	84	132458	19.405	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	120458	18.659	ug/l	92
22) Diisopropyl ether	3.87	45	359500	19.233	ug/l	99
23) Vinyl Acetate	3.82	43	1510278	94.735	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203851	19.081	ug/l	99
25) 2-Butanone	4.70	43	443823	96.982	ug/l	97
26) 2,2-Dichloropropane	4.59	77	174964	17.745	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145660	20.228	ug/l	97
28) Bromochloromethane	5.02	49	94942	20.345	ug/l	98
29) Tetrahydrofuran	5.15	42	293728	92.351	ug/l	97
30) Chloroform	5.21	83	220389	19.630	ug/l	100
31) Cyclohexane	5.58	56	186474	18.887	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	205673	19.254	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156987	18.380	ug/l	100
37) Ethyl Acetate	4.85	43	174184	18.211	ug/l	98
38) Carbon Tetrachloride	5.78	117	188508	18.761	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201390	18.165	ug/l	97
40) Benzene	6.14	78	490726	19.183	ug/l	98
41) Methacrylonitrile	5.06	41	94787	18.010	ug/l	98
42) 1,2-Dichloroethane	6.20	62	162666	19.429	ug/l	99
43) Isopropyl Acetate	6.46	43	284869	17.863	ug/l	99
44) Trichloroethene	7.21	130	151830	19.592	ug/l	98
45) 1,2-Dichloropropane	7.52	63	123017	18.921	ug/l	94
46) Dibromomethane	7.66	93	89933	19.153	ug/l	98
47) Bromodichloromethane	7.90	83	166910	18.356	ug/l	100
48) Methyl methacrylate	7.77	41	140386	18.095	ug/l	97
49) 1,4-Dioxane	7.75	88	71062	371.634	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	866264	93.309	ug/l	98
52) Toluene	8.79	92	316829	18.825	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187602	17.641	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	198149	17.944	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134705	19.701	ug/l	98
56) Ethyl methacrylate	9.18	69	200052	18.716	ug/l	98
57) 1,3-Dichloropropane	9.37	76	208645	19.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	521221	96.094	ug/l	99
59) 2-Hexanone	9.49	43	666753	94.004	ug/l	100
60) Dibromochloromethane	9.59	129	152952	18.142	ug/l	100
61) 1,2-Dibromoethane	9.67	107	143501	18.770	ug/l	99
64) Tetrachloroethene	9.34	164	130805	18.765	ug/l	98
65) Chlorobenzene	10.14	112	370878	18.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	144117	18.878	ug/l	99
67) Ethyl Benzene	10.25	91	610396	18.678	ug/l	99
68) m/p-Xylenes	10.36	106	488502	37.317	ug/l	99
69) o-Xylene	10.69	106	245650	18.998	ug/l	99
70) Styrene	10.71	104	390129	18.655	ug/l	99
71) Bromoform	10.86	173	123496	17.137	ug/l	100
73) Isopropylbenzene	11.02	105	639557	20.114	ug/l	99
74) N-amyl acetate	10.90	43	254982	18.622	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	202999	19.956	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	191329m	21.529	ug/l	
77) Bromobenzene	11.26	156	173365	19.647	ug/l	98
78) n-propylbenzene	11.36	91	691849	19.574	ug/l	100
79) 2-Chlorotoluene	11.42	91	413443	19.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	517617	19.565	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64751	17.098	ug/l	91
82) 4-Chlorotoluene	11.51	91	470600	19.267	ug/l	100
83) tert-Butylbenzene	11.77	119	558815	19.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	533074	19.514	ug/l	100
85) sec-Butylbenzene	11.94	105	632410	19.694	ug/l	99
86) p-Isopropyltoluene	12.07	119	563107	19.474	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	300754	19.155	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	297844	18.689	ug/l	98
89) n-Butylbenzene	12.39	91	455239	18.451	ug/l	99
90) Hexachloroethane	12.60	117	108102	18.343	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	302183	19.392	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47027	18.034	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211085	18.567	ug/l	99
94) Hexachlorobutadiene	13.78	225	96876	19.268	ug/l	100
95) Naphthalene	13.83	128	692379	19.579	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	215312	19.121	ug/l	98

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

