

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006612.D
 Acq On : 18 Dec 2018 22:31
 Operator : JC/MD
 Sample : VX1218WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:49 AM

Quant Time: Dec 19 07:10:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	590177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	435258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	331985	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	5.50	113	295430	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1104697	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	407054	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102647	19.012	ug/l	98
3) Chloromethane	1.33	50	119350	20.518	ug/l	99
4) Vinyl Chloride	1.41	62	126814	20.875	ug/l	98
5) Bromomethane	1.64	94	126179	21.151	ug/l	98
6) Chloroethane	1.73	64	83635	19.883	ug/l	98
7) Trichlorofluoromethane	1.93	101	193481	20.428	ug/l	96
8) Diethyl Ether	2.19	74	75781	20.144	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111898	20.121	ug/l	98
10) Methyl Iodide	2.51	142	170065	21.363	ug/l	99
11) Tert butyl alcohol	3.07	59	166848	117.538	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106231	20.146	ug/l	93
13) Acrolein	2.30	56	93757	97.906	ug/l	97
14) Allyl chloride	2.73	41	177734	20.025	ug/l	96
15) Acrylonitrile	3.15	53	348340	110.521	ug/l	100
16) Acetone	2.45	43	287947	98.535	ug/l	98
17) Carbon Disulfide	2.57	76	253981	18.201	ug/l	100
18) Methyl Acetate	2.78	43	191604	22.298	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	378977	21.654	ug/l	98
20) Methylene Chloride	2.86	84	126302	20.901	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	114764	19.643	ug/l	92
22) Diisopropyl ether	3.87	45	345973	21.307	ug/l	99
23) Vinyl Acetate	3.82	43	1365417	102.802	ug/l	100
24) 1,1-Dichloroethane	3.70	63	198329	20.461	ug/l	99
25) 2-Butanone	4.70	43	430379	104.701	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120475	16.090	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	132983	20.630	ug/l	96
28) Bromochloromethane	5.01	49	82463	19.033	ug/l	97
29) Tetrahydrofuran	5.15	42	291972	107.844	ug/l	98
30) Chloroform	5.21	83	206786	20.601	ug/l	99
31) Cyclohexane	5.58	56	172757	19.618	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	171446	20.228	ug/l	99
36) 1,1-Dichloropropene	5.79	75	150401	19.334	ug/l	99
37) Ethyl Acetate	4.85	43	165662	20.461	ug/l	98
38) Carbon Tetrachloride	5.79	117	139707	18.480	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191843	18.732	ug/l	98
40) Benzene	6.14	78	472760	19.994	ug/l	97
41) Methacrylonitrile	5.06	41	91179	20.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	159300	19.771	ug/l	99
43) Isopropyl Acetate	6.46	43	253973	20.616	ug/l	100
44) Trichloroethene	7.21	130	135533	18.938	ug/l	97
45) 1,2-Dichloropropane	7.52	63	114837	19.957	ug/l	97
46) Dibromomethane	7.66	93	82916	19.591	ug/l	95
47) Bromodichloromethane	7.90	83	133183	18.954	ug/l	100
48) Methyl methacrylate	7.77	41	133384	21.292	ug/l	99
49) 1,4-Dioxane	7.75	88	69850	414.507	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	834431	106.456	ug/l	98
52) Toluene	8.79	92	307029	20.099	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137209	18.207	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	157083	18.996	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126502	20.232	ug/l	98
56) Ethyl methacrylate	9.18	69	184687	20.898	ug/l	98
57) 1,3-Dichloropropane	9.37	76	203485	20.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	485416	103.331	ug/l	100
59) 2-Hexanone	9.49	43	645940	107.706	ug/l	100
60) Dibromochloromethane	9.59	129	111469	18.577	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134128	20.179	ug/l	99
64) Tetrachloroethene	9.34	164	138489	20.366	ug/l	98
65) Chlorobenzene	10.14	112	359078	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113207	19.972	ug/l	99
67) Ethyl Benzene	10.25	91	584679	19.694	ug/l	99
68) m/p-Xylenes	10.36	106	460766	39.333	ug/l	97
69) o-Xylene	10.69	106	229631	19.851	ug/l	98
70) Styrene	10.71	104	364515	19.918	ug/l	98
71) Bromoform	10.85	173	76570	18.100	ug/l #	99
73) Isopropylbenzene	11.02	105	607291	20.395	ug/l	99
74) N-amyl acetate	10.90	43	223225	20.944	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	192801	21.771	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	174169m	22.831	ug/l	
77) Bromobenzene	11.26	156	162622	20.201	ug/l	96
78) n-propylbenzene	11.36	91	658818	20.092	ug/l	99
79) 2-Chlorotoluene	11.42	91	398866	20.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	504020	20.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37364	17.100	ug/l #	72
82) 4-Chlorotoluene	11.51	91	459479	20.158	ug/l	100
83) tert-Butylbenzene	11.77	119	496988	20.247	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	513653	19.911	ug/l	100
85) sec-Butylbenzene	11.94	105	608367	20.214	ug/l	99
86) p-Isopropyltoluene	12.06	119	535602	20.245	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	291239	20.073	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	289508	19.442	ug/l	97
89) n-Butylbenzene	12.38	91	436808	19.401	ug/l	99
90) Hexachloroethane	12.60	117	67152	18.444	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	295748	20.377	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36697	20.027	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	197739	19.751	ug/l	99
94) Hexachlorobutadiene	13.78	225	86797	18.394	ug/l	99
95) Naphthalene	13.83	128	648045	20.281	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	200099	19.358	ug/l	99

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

