

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005805.D
 Acq On : 06 Nov 2018 13:31
 Operator : JC/MD
 Sample : VX1106WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2018 11:02:42 AM

Quant Time: Nov 07 08:49:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	116895	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	5.51	113	95312	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	343250	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	121272	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39292	19.098	ug/l	100
3) Chloromethane	1.32	50	43483	17.919	ug/l	100
4) Vinyl Chloride	1.40	62	45901	18.181	ug/l	98
5) Bromomethane	1.64	94	40551	12.944	ug/l	99
6) Chloroethane	1.72	64	28395	19.284	ug/l	100
7) Trichlorofluoromethane	1.93	101	59381	18.324	ug/l	99
8) Diethyl Ether	2.19	74	26148	17.951	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37358	18.978	ug/l	93
10) Methyl Iodide	2.51	142	35771	19.885	ug/l	97
11) Tert butyl alcohol	3.07	59	64767	91.595	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34452	17.961	ug/l	88
13) Acrolein	2.29	56	44534	95.918	ug/l	97
14) Allyl chloride	2.73	41	68889	17.369	ug/l #	93
15) Acrylonitrile	3.15	53	138010	88.758	ug/l	97
16) Acetone	2.45	43	123247	85.942	ug/l	97
17) Carbon Disulfide	2.57	76	92379	15.673	ug/l	99
18) Methyl Acetate	2.78	43	66611	17.826	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	131028	19.734	ug/l	99
20) Methylene Chloride	2.85	84	42725	19.029	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	36702	18.083	ug/l	94
22) Diisopropyl ether	3.87	45	134474	18.277	ug/l #	93
23) Vinyl Acetate	3.82	43	565910	88.306	ug/l	98
24) 1,1-Dichloroethane	3.70	63	74646	17.942	ug/l	99
25) 2-Butanone	4.70	43	190081	86.542	ug/l	98
26) 2,2-Dichloropropane	4.59	77	59049	18.987	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	43489	19.068	ug/l	97
28) Bromochloromethane	5.01	49	35130	17.308	ug/l	99
29) Tetrahydrofuran	5.15	42	119022	88.782	ug/l	92
30) Chloroform	5.22	83	71416	17.557	ug/l	96
31) Cyclohexane	5.57	56	61632	17.715	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	60186	18.488	ug/l	97
36) 1,1-Dichloropropene	5.79	75	52040	17.398	ug/l	98
37) Ethyl Acetate	4.85	43	67695	17.739	ug/l	96
38) Carbon Tetrachloride	5.78	117	47656	17.635	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59117	18.951	ug/l	95
40) Benzene	6.14	78	163467	18.370	ug/l	97
41) Methacrylonitrile	5.06	41	36282	17.596	ug/l	93
42) 1,2-Dichloroethane	6.20	62	57893	17.601	ug/l	100
43) Isopropyl Acetate	6.46	43	104629	18.890	ug/l	98
44) Trichloroethene	7.22	130	39239	19.066	ug/l	91
45) 1,2-Dichloropropane	7.52	63	43066	18.885	ug/l	99
46) Dibromomethane	7.66	93	26419	18.128	ug/l	92
47) Bromodichloromethane	7.90	83	48546	17.759	ug/l	94
48) Methyl methacrylate	7.77	41	49901	18.615	ug/l	97
49) 1,4-Dioxane	7.75	88	21781	364.879	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	355950	94.250	ug/l	99
52) Toluene	8.79	92	97344	20.224	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	55605	18.769	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	60447	19.044	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	40906	19.569	ug/l	92
56) Ethyl methacrylate	9.18	69	59122	18.310	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64519	17.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	169509	90.971	ug/l	96
59) 2-Hexanone	9.49	43	270382	87.973	ug/l	97
60) Dibromochloromethane	9.59	129	35258	17.455	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39187	18.398	ug/l	99
64) Tetrachloroethene	9.34	164	35333	19.821	ug/l	97
65) Chlorobenzene	10.14	112	97553	18.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	33933	19.118	ug/l	97
67) Ethyl Benzene	10.25	91	167999	18.986	ug/l	100
68) m/p-Xylenes	10.36	106	131406	39.965	ug/l	99
69) o-Xylene	10.70	106	59469	18.910	ug/l	94
70) Styrene	10.71	104	101340	19.402	ug/l	98
71) Bromoform	10.86	173	25591	17.795	ug/l #	99
73) Isopropylbenzene	11.02	105	168629	20.379	ug/l	99
74) N-amyl acetate	10.90	43	81603	18.523	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	64374	18.752	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61164m	19.580	ug/l	
77) Bromobenzene	11.26	156	41377	20.157	ug/l	90
78) n-propylbenzene	11.36	91	198345	19.704	ug/l	97
79) 2-Chlorotoluene	11.42	91	117961	19.620	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	141550	20.147	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	18154	18.776	ug/l	95
82) 4-Chlorotoluene	11.51	91	139947	19.497	ug/l	97
83) tert-Butylbenzene	11.77	119	133148	19.862	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	146532	20.653	ug/l	98
85) sec-Butylbenzene	11.94	105	170984	19.883	ug/l	97
86) p-Isopropyltoluene	12.07	119	146144	19.982	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	76805	19.351	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	78057	18.307	ug/l	96
89) n-Butylbenzene	12.39	91	139078	18.848	ug/l	98
90) Hexachloroethane	12.60	117	22589	17.409	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	78058	18.825	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14839	18.429	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	53938	20.282	ug/l	99
94) Hexachlorobutadiene	13.79	225	24834	19.303	ug/l	100
95) Naphthalene	13.83	128	182236	20.836	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	55373	20.452	ug/l	98

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

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