

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005782.D
 Acq On : 05 Nov 2018 16:57
 Operator : JC/MD
 Sample : VX1105WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBSD01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:27:01 AM

Quant Time: Nov 06 01:43:21 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	5.66	168	149255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	237976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108370	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	105410	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.62%		
35) Dibromofluoromethane	5.50	113	84400	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.44%		
50) Toluene-d8	8.71	98	284295	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.38%		
62) 4-Bromofluorobenzene	11.14	95	103328	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.88%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34529	20.026	ug/l	100
3) Chloromethane	1.32	50	41127	20.222	ug/l	100
4) Vinyl Chloride	1.41	62	42373	20.026	ug/l	93
5) Bromomethane	1.64	94	33706	12.838	ug/l	98
6) Chloroethane	1.72	64	26321	21.229	ug/l	92
7) Trichlorofluoromethane	1.93	101	51840	19.087	ug/l	98
8) Diethyl Ether	2.19	74	23705	19.418	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31617	19.165	ug/l	92
10) Methyl Iodide	2.51	142	31604	20.858	ug/l	98
11) Tert butyl alcohol	3.07	59	57165	96.464	ug/l	99
12) 1,1-Dichloroethene	2.37	96	28594	17.787	ug/l	85
13) Acrolein	2.29	56	35625	92.109	ug/l	99
14) Allyl chloride	2.73	41	62973	18.945	ug/l	96
15) Acrylonitrile	3.15	53	128833	98.864	ug/l	99
16) Acetone	2.45	43	111857	93.872	ug/l	98
17) Carbon Disulfide	2.57	76	84294	17.064	ug/l	96
18) Methyl Acetate	2.78	43	63991	20.433	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	109478	19.674	ug/l	99
20) Methylene Chloride	2.86	84	36973	19.648	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	30431	17.890	ug/l	98
22) Diisopropyl ether	3.87	45	117962	19.130	ug/l	96
23) Vinyl Acetate	3.82	43	497955	92.715	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65753	18.858	ug/l	98
25) 2-Butanone	4.70	43	166029	90.196	ug/l	96
26) 2,2-Dichloropropane	4.59	77	46560	17.864	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35854	18.758	ug/l	99
28) Bromochloromethane	5.02	49	36010	21.169	ug/l	92
29) Tetrahydrofuran	5.16	42	105178	93.614	ug/l	95
30) Chloroform	5.22	83	63525	18.635	ug/l	98
31) Cyclohexane	5.58	56	50497	17.319	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51495	18.875	ug/l	97
36) 1,1-Dichloropropene	5.79	75	44743	17.647	ug/l	99
37) Ethyl Acetate	4.85	43	60313	18.646	ug/l	98
38) Carbon Tetrachloride	5.79	117	41462	18.100	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44984	17.012	ug/l	94
40) Benzene	6.14	78	142735	18.923	ug/l	99
41) Methacrylonitrile	5.06	41	31347	17.935	ug/l	95
42) 1,2-Dichloroethane	6.20	62	51443	18.451	ug/l	100
43) Isopropyl Acetate	6.46	43	85166	18.140	ug/l	98
44) Trichloroethene	7.21	130	30058	17.230	ug/l	100
45) 1,2-Dichloropropane	7.52	63	36075	18.663	ug/l	100
46) Dibromomethane	7.66	93	21865	17.700	ug/l	90
47) Bromodichloromethane	7.90	83	41489	17.905	ug/l	99
48) Methyl methacrylate	7.77	41	40628	17.880	ug/l	97
49) 1,4-Dioxane	7.75	88	17804	351.864	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	291849	91.166	ug/l	97
52) Toluene	8.79	92	74581	18.280	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	44444	17.698	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	49888	18.543	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33304	18.796	ug/l	93
56) Ethyl methacrylate	9.18	69	48081	17.667	ug/l	100
57) 1,3-Dichloropropane	9.37	76	56149	18.448	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	154658	97.130	ug/l	95
59) 2-Hexanone	9.50	43	242129	92.940	ug/l	96
60) Dibromochloromethane	9.59	129	31705	18.518	ug/l	100
61) 1,2-Dibromoethane	9.67	107	34780	19.264	ug/l	94
64) Tetrachloroethene	9.34	164	32203	20.132	ug/l	89
65) Chlorobenzene	10.14	112	87420	18.789	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30856	19.373	ug/l	96
67) Ethyl Benzene	10.25	91	141516	17.822	ug/l	98
68) m/p-Xylenes	10.36	106	110524	37.458	ug/l	98
69) o-Xylene	10.70	106	49584	17.570	ug/l	95
70) Styrene	10.71	104	86397	18.433	ug/l	99
71) Bromoform	10.86	173	22356	17.323	ug/l #	98
73) Isopropylbenzene	11.02	105	139517	19.514	ug/l	99
74) N-amyl acetate	10.90	43	69108	18.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	55710	18.782	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52844m	19.578	ug/l	
77) Bromobenzene	11.26	156	34747	19.592	ug/l	89
78) n-propylbenzene	11.36	91	166971	19.198	ug/l	97
79) 2-Chlorotoluene	11.42	91	100275	19.303	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	119186	19.633	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15263	18.271	ug/l	91
82) 4-Chlorotoluene	11.51	91	118253	19.068	ug/l	96
83) tert-Butylbenzene	11.77	119	110989	19.162	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	122798	20.032	ug/l	97
85) sec-Butylbenzene	11.94	105	139970	18.838	ug/l	97
86) p-Isopropyltoluene	12.07	119	122804	19.434	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	64539	18.820	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	66121	17.948	ug/l	97
89) n-Butylbenzene	12.39	91	113169	17.750	ug/l	97
90) Hexachloroethane	12.60	117	20449	18.240	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	66072	18.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12744	18.318	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43194	18.798	ug/l	97
94) Hexachlorobutadiene	13.78	225	20488	18.431	ug/l	100
95) Naphthalene	13.83	128	145490	19.253	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45801	19.579	ug/l	99

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

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