

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006140.D
 Acq On : 21 Nov 2018 23:38
 Operator : JC/MD
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX1121WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:51 AM

Quant Time: Nov 22 04:07:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182720	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.50	113	146635	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.71	98	555905	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	203147	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43356	19.049	ug/l	95
3) Chloromethane	1.32	50	55382	19.262	ug/l	99
4) Vinyl Chloride	1.41	62	55545	18.992	ug/l	99
5) Bromomethane	1.64	94	38532	19.573	ug/l	99
6) Chloroethane	1.72	64	34027	28.478	ug/l	99
7) Trichlorofluoromethane	1.93	101	75958	19.854	ug/l	99
8) Diethyl Ether	2.19	74	31277	19.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42587	18.772	ug/l	97
10) Methyl Iodide	2.51	142	44439	15.624	ug/l	98
11) Tert butyl alcohol	3.06	59	77002	101.990	ug/l	98
12) 1,1-Dichloroethene	2.37	96	42286	19.120	ug/l	97
13) Acrolein	2.29	56	43050	95.290	ug/l	98
14) Allyl chloride	2.73	41	85797	18.962	ug/l	99
15) Acrylonitrile	3.15	53	165768	99.405	ug/l	99
16) Acetone	2.45	43	152285	96.695	ug/l	98
17) Carbon Disulfide	2.57	76	119679	20.041	ug/l	98
18) Methyl Acetate	2.78	43	82971	20.544	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	155721	20.370	ug/l	100
20) Methylene Chloride	2.85	84	50302	20.899	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47313	20.447	ug/l	93
22) Diisopropyl ether	3.87	45	201822	20.836	ug/l	96
23) Vinyl Acetate	3.82	43	837210	104.182	ug/l	100
24) 1,1-Dichloroethane	3.70	63	88699	19.437	ug/l	99
25) 2-Butanone	4.70	43	286304	97.941	ug/l	98
26) 2,2-Dichloropropane	4.59	77	64340	17.107	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62880	19.442	ug/l	100
28) Bromochloromethane	5.01	49	55838	20.995	ug/l	99
29) Tetrahydrofuran	5.15	42	185853	101.917	ug/l	100
30) Chloroform	5.21	83	108465	19.614	ug/l	99
31) Cyclohexane	5.58	56	89683	18.815	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	89711	20.091	ug/l	98
36) 1,1-Dichloropropene	5.80	75	77304	18.943	ug/l	99
37) Ethyl Acetate	4.85	43	103997	19.807	ug/l	100
38) Carbon Tetrachloride	5.79	117	74929	19.534	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83794	18.023	ug/l	99
40) Benzene	6.14	78	236958	19.708	ug/l	98
41) Methacrylonitrile	5.06	41	56532	19.538	ug/l	99
42) 1,2-Dichloroethane	6.20	62	89365	19.881	ug/l	99
43) Isopropyl Acetate	6.46	43	150203	19.809	ug/l	99
44) Trichloroethene	7.21	130	65095	19.480	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65281	20.516	ug/l	98
46) Dibromomethane	7.66	93	41856	19.208	ug/l	99
47) Bromodichloromethane	7.90	83	79834	19.809	ug/l	100
48) Methyl methacrylate	7.77	41	78841	20.502	ug/l	99
49) 1,4-Dioxane	7.75	88	34324	376.221	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	552068	101.561	ug/l	100
52) Toluene	8.79	92	149920	20.160	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79377	18.874	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	89175	19.181	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	63876	19.833	ug/l	99
56) Ethyl methacrylate	9.18	69	89059	19.605	ug/l	99
57) 1,3-Dichloropropane	9.37	76	105837	19.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	275087	102.357	ug/l	100
59) 2-Hexanone	9.49	43	432849	100.338	ug/l	99
60) Dibromochloromethane	9.59	129	62515	19.798	ug/l	96
61) 1,2-Dibromoethane	9.67	107	66705	20.104	ug/l	98
64) Tetrachloroethene	9.34	164	69864	20.316	ug/l	98
65) Chlorobenzene	10.14	112	170605	19.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	58038	19.723	ug/l	98
67) Ethyl Benzene	10.25	91	285278	20.327	ug/l	100
68) m/p-Xylenes	10.36	106	222788	40.767	ug/l	100
69) o-Xylene	10.70	106	105872	20.281	ug/l	98
70) Styrene	10.71	104	173770	20.416	ug/l	99
71) Bromoform	10.86	173	49567	18.817	ug/l #	100
73) Isopropylbenzene	11.02	105	288372	20.927	ug/l	99
74) N-amyl acetate	10.90	43	126783	19.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101345	19.515	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95856m	20.443	ug/l	
77) Bromobenzene	11.26	156	78342	20.294	ug/l	99
78) n-propylbenzene	11.36	91	334710	20.857	ug/l	99
79) 2-Chlorotoluene	11.42	91	198113	20.406	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241895	20.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24244	17.488	ug/l	95
82) 4-Chlorotoluene	11.51	91	230622	20.355	ug/l	98
83) tert-Butylbenzene	11.77	119	232238	20.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	251588	21.229	ug/l	99
85) sec-Butylbenzene	11.94	105	286948	20.683	ug/l	100
86) p-Isopropyltoluene	12.06	119	251233	20.311	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	142488	20.019	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140044	18.980	ug/l	97
89) n-Butylbenzene	12.39	91	216038	19.291	ug/l	99
90) Hexachloroethane	12.60	117	38818	19.666	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	143231	19.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23952	19.877	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102205	19.938	ug/l	99
94) Hexachlorobutadiene	13.78	225	46643	18.670	ug/l	99
95) Naphthalene	13.83	128	321748	21.345	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105536	20.194	ug/l	100

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

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