

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005425.D
 Acq On : 18 Oct 2018 13:03
 Operator : JC/MD
 Sample : VX1018WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 1:51:32 PM

Quant Time: Oct 19 04:20:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	427419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158100	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.50	113	132862	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	8.71	98	499428	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	189228	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42527	18.463	ug/l	99
3) Chloromethane	1.32	50	60237	18.048	ug/l	100
4) Vinyl Chloride	1.40	62	62483	18.480	ug/l	100
5) Bromomethane	1.64	94	37228	19.852	ug/l	98
6) Chloroethane	1.71	64	39526	18.821	ug/l	98
7) Trichlorofluoromethane	1.92	101	86501	19.171	ug/l	94
8) Diethyl Ether	2.19	74	38824	20.150	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52916	20.319	ug/l	97
10) Methyl Iodide	2.51	142	55457	20.943	ug/l	99
11) Tert butyl alcohol	3.07	59	91056	98.725	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50082	19.410	ug/l	98
13) Acrolein	2.29	56	39398	65.343	ug/l	96
14) Allyl chloride	2.73	41	109940	19.407	ug/l	94
15) Acrylonitrile	3.15	53	201851	96.578	ug/l	98
16) Acetone	2.45	43	178919	94.643	ug/l	97
17) Carbon Disulfide	2.57	76	129114	16.518	ug/l	99
18) Methyl Acetate	2.78	43	112586	20.933	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	191963	21.124	ug/l	100
20) Methylene Chloride	2.85	84	58783	20.570	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	54116	18.925	ug/l	96
22) Diisopropyl ether	3.87	45	188726	19.835	ug/l	91
23) Vinyl Acetate	3.82	43	796928	95.825	ug/l	97
24) 1,1-Dichloroethane	3.69	63	105950	19.429	ug/l	98
25) 2-Butanone	4.70	43	266608	96.388	ug/l	94
26) 2,2-Dichloropropane	4.59	77	79382	19.464	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59998	19.307	ug/l	95
28) Bromochloromethane	5.01	49	50589	20.350	ug/l	94
29) Tetrahydrofuran	5.15	42	168854	95.704	ug/l	94
30) Chloroform	5.21	83	98493	19.459	ug/l	99
31) Cyclohexane	5.57	56	87301	19.424	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	84267	19.133	ug/l	99
36) 1,1-Dichloropropene	5.80	75	71620	17.302	ug/l	99
37) Ethyl Acetate	4.85	43	96058	18.044	ug/l	99
38) Carbon Tetrachloride	5.78	117	72306	17.384	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86589	19.327	ug/l	96
40) Benzene	6.14	78	220784	17.780	ug/l	100
41) Methacrylonitrile	5.06	41	52943	18.551	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77707	17.722	ug/l	97
43) Isopropyl Acetate	6.46	43	141971	20.020	ug/l	98
44) Trichloroethene	7.21	130	62551	19.346	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60732	19.938	ug/l	98
46) Dibromomethane	7.66	93	37638	18.721	ug/l	97
47) Bromodichloromethane	7.90	83	70226	18.885	ug/l	99
48) Methyl methacrylate	7.77	41	72912	19.824	ug/l	95
49) 1,4-Dioxane	7.76	88	33214	391.527	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	501228	102.078	ug/l	95
52) Toluene	8.79	92	140492	20.680	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	79336	19.714	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	89463	20.516	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	58710	20.403	ug/l	98
56) Ethyl methacrylate	9.18	69	90333	21.535	ug/l	97
57) 1,3-Dichloropropane	9.37	76	97831	20.370	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	256862	109.186	ug/l	95
59) 2-Hexanone	9.49	43	395596	100.156	ug/l	95
60) Dibromochloromethane	9.59	129	56960	19.150	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61303	20.300	ug/l	99
64) Tetrachloroethene	9.34	164	64426	20.254	ug/l	97
65) Chlorobenzene	10.14	112	161314	19.193	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	57344	19.146	ug/l	98
67) Ethyl Benzene	10.25	91	270109	19.769	ug/l	98
68) m/p-Xylenes	10.36	106	210307	39.656	ug/l	96
69) o-Xylene	10.70	106	103649	20.265	ug/l	99
70) Styrene	10.71	104	167427	19.902	ug/l	97
71) Bromoform	10.86	173	46520	17.381	ug/l	99
73) Isopropylbenzene	11.02	105	278663	21.588	ug/l	99
74) N-amyl acetate	10.90	43	129023	20.724	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	94720	19.452	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89115m	21.158	ug/l	
77) Bromobenzene	11.26	156	75713	20.514	ug/l	99
78) n-propylbenzene	11.36	91	317485	21.374	ug/l	100
79) 2-Chlorotoluene	11.42	91	190017	20.888	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	234242	21.191	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26386	19.035	ug/l	98
82) 4-Chlorotoluene	11.51	91	219773	20.380	ug/l	99
83) tert-Butylbenzene	11.77	119	235456	21.035	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	244305	21.477	ug/l	98
85) sec-Butylbenzene	11.94	105	286576	21.634	ug/l	99
86) p-Isopropyltoluene	12.07	119	257185	21.480	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	138955	20.148	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	141978	20.124	ug/l	99
89) n-Butylbenzene	12.39	91	225239	20.719	ug/l	98
90) Hexachloroethane	12.60	117	37177	18.017	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	140330	19.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21897	18.435	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109642	21.234	ug/l	99
94) Hexachlorobutadiene	13.79	225	53255	19.528	ug/l	96
95) Naphthalene	13.83	128	340247	22.721	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111775	21.157	ug/l	99

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

