

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006211.D
 Acq On : 29 Nov 2018 14:58
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:06 AM

Quant Time: Nov 30 03:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	784118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1171773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1069022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	564383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170104	21.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.50%	
35) Dibromofluoromethane	5.51	113	163040	21.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.98%	
50) Toluene-d8	8.71	98	589230	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
62) 4-Bromofluorobenzene	11.13	95	222840	21.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	165628	21.573	ug/l	98
3) Chloromethane	1.33	50	165095	20.925	ug/l	100
4) Vinyl Chloride	1.41	62	177902	20.951	ug/l	99
5) Bromomethane	1.64	94	113037	19.208	ug/l	100
6) Chloroethane	1.73	64	106949	20.542	ug/l	99
7) Trichlorofluoromethane	1.93	101	267359	20.512	ug/l	99
8) Diethyl Ether	2.19	74	98014	19.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147802	19.942	ug/l	100
10) Methyl Iodide	2.51	142	222520	19.922	ug/l	100
11) Tert butyl alcohol	3.07	59	226555	103.494	ug/l	98
12) 1,1-Dichloroethene	2.38	96	140702	19.831	ug/l	99
13) Acrolein	2.29	56	111936	93.555	ug/l	100
14) Allyl chloride	2.73	41	282463	20.153	ug/l	100
15) Acrylonitrile	3.15	53	462244	101.190	ug/l	99
16) Acetone	2.45	43	370082	98.518	ug/l	98
17) Carbon Disulfide	2.57	76	436658	19.972	ug/l	98
18) Methyl Acetate	2.78	43	249138	19.832	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	504291	19.924	ug/l	98
20) Methylene Chloride	2.86	84	155640	19.468	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	151361	20.018	ug/l	94
22) Diisopropyl ether	3.87	45	438504	20.030	ug/l	94
23) Vinyl Acetate	3.82	43	1892673	101.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249294	19.923	ug/l	98
25) 2-Butanone	4.70	43	537544	100.288	ug/l	99
26) 2,2-Dichloropropane	4.59	77	231948	20.085	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	170302	20.192	ug/l	99
28) Bromochloromethane	5.02	49	109190	19.978	ug/l	99
29) Tetrahydrofuran	5.15	42	372206	99.916	ug/l	100
30) Chloroform	5.21	83	262182	19.938	ug/l	95
31) Cyclohexane	5.58	56	229981	19.888	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246507	19.703	ug/l	99
36) 1,1-Dichloropropene	5.80	75	192745	19.533	ug/l	99
37) Ethyl Acetate	4.85	43	214144	19.379	ug/l	99
38) Carbon Tetrachloride	5.79	117	227502	19.598	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254228	19.848	ug/l	98
40) Benzene	6.15	78	589903	19.960	ug/l	98
41) Methacrylonitrile	5.06	41	117000	19.242	ug/l	100
42) 1,2-Dichloroethane	6.20	62	194914	20.151	ug/l	99
43) Isopropyl Acetate	6.46	43	360790	19.582	ug/l	99
44) Trichloroethene	7.21	130	172531	19.270	ug/l	93
45) 1,2-Dichloropropane	7.52	63	148527	19.774	ug/l	99
46) Dibromomethane	7.66	93	107808	19.873	ug/l	98
47) Bromodichloromethane	7.90	83	209191	19.913	ug/l	98
48) Methyl methacrylate	7.77	41	175699	19.602	ug/l	99
49) 1,4-Dioxane	7.75	88	89537	405.311	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1078276	100.534	ug/l	99
52) Toluene	8.79	92	382551	19.675	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	241389	19.648	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246352	19.310	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	157755	19.971	ug/l	97
56) Ethyl methacrylate	9.18	69	245027	19.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	248219	19.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	625993	99.897	ug/l	100
59) 2-Hexanone	9.49	43	842871	102.861	ug/l	99
60) Dibromochloromethane	9.59	129	191571	19.668	ug/l	100
61) 1,2-Dibromoethane	9.67	107	175096	19.824	ug/l	99
64) Tetrachloroethene	9.34	164	155413	19.304	ug/l	98
65) Chlorobenzene	10.14	112	446763	19.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	175694	19.927	ug/l	97
67) Ethyl Benzene	10.25	91	739522	19.594	ug/l	99
68) m/p-Xylenes	10.36	106	597285	39.506	ug/l	99
69) o-Xylene	10.70	106	293437	19.649	ug/l	100
70) Styrene	10.71	104	476125	19.713	ug/l	99
71) Bromoform	10.86	173	161819	19.442	ug/l #	98
73) Isopropylbenzene	11.02	105	776127	19.913	ug/l	100
74) N-amyl acetate	10.90	43	332533	19.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247360	19.838	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194303m	13.257	ug/l	
77) Bromobenzene	11.26	156	209255	19.346	ug/l	98
78) n-propylbenzene	11.36	91	861384	19.882	ug/l	100
79) 2-Chlorotoluene	11.42	91	513712	19.949	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643583	19.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92729	19.976	ug/l	99
82) 4-Chlorotoluene	11.51	91	590180	19.713	ug/l	100
83) tert-Butylbenzene	11.77	119	682956	19.738	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	656191	19.596	ug/l	99
85) sec-Butylbenzene	11.94	105	774040	19.664	ug/l	100
86) p-Isopropyltoluene	12.07	119	691318	19.504	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	381634	19.829	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380301	19.704	ug/l	98
89) n-Butylbenzene	12.39	91	583865	19.306	ug/l	99
90) Hexachloroethane	12.60	117	141169	19.542	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	377552	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62944	19.692	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	277215	19.893	ug/l	99
94) Hexachlorobutadiene	13.79	225	119370	19.369	ug/l	98
95) Naphthalene	13.83	128	864493	19.943	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273966	19.849	ug/l	98

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

