

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006107.D
 Acq On : 20 Nov 2018 18:10
 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
 11/21/2018 10:37:14 AM

Quant Time: Nov 21 08:10:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	73534	19.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.28%	
35) Dibromofluoromethane	5.50	113	59253	19.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.52%	
50) Toluene-d8	8.71	98	222431	19.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.90%	
62) 4-Bromofluorobenzene	11.14	95	78693	18.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.68%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	45865	19.10	ug/l	99
3) Chloromethane	1.32	50	58297	19.22	ug/l	99
4) Vinyl Chloride	1.40	62	59425	19.26	ug/l	99
5) Bromomethane	1.64	94	34984	16.35	ug/l	98
6) Chloroethane	1.73	64	34013	17.89	ug/l	96
7) Trichlorofluoromethane	1.93	101	78005	19.32	ug/l	99
8) Diethyl Ether	2.19	74	30916	18.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45689	19.09	ug/l	99
10) Methyl Iodide	2.51	142	57757	19.25	ug/l	99
11) Tert butyl alcohol	3.07	59	74982	94.13	ug/l	98
12) 1,1-Dichloroethene	2.37	96	44076	18.89	ug/l	99
13) Acrolein	2.29	56	45451	95.35	ug/l	95
14) Allyl chloride	2.73	41	90517	18.96	ug/l	98
15) Acrylonitrile	3.15	53	167900	95.43	ug/l	99
16) Acetone	2.45	43	157568	94.83	ug/l	99
17) Carbon Disulfide	2.57	76	119285	18.93	ug/l	97
18) Methyl Acetate	2.78	43	84051	19.72	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	154615	19.17	ug/l	99
20) Methylene Chloride	2.86	84	49637	18.13	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	47976	19.65	ug/l	91
22) Diisopropyl ether	3.87	45	207112	20.27	ug/l	95
23) Vinyl Acetate	3.82	43	839778	99.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	92652	19.24	ug/l	99
25) 2-Butanone	4.70	43	296478	96.13	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74691	18.82	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	65003	19.05	ug/l	99
28) Bromochloromethane	5.02	49	55761	19.87	ug/l	98
29) Tetrahydrofuran	5.15	42	190455	98.99	ug/l	98
30) Chloroform	5.21	83	111953	19.19	ug/l	98
31) Cyclohexane	5.58	56	94727	18.84	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	90149	19.14	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80760	19.01	ug/l	99
37) Ethyl Acetate	4.85	43	103216	18.88	ug/l	99
38) Carbon Tetrachloride	5.78	117	77760	19.47	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91227	18.85	ug/l	98
40) Benzene	6.15	78	245965	19.65	ug/l	100
41) Methacrylonitrile	5.06	41	58472	19.41	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92027	19.66	ug/l	100
43) Isopropyl Acetate	6.46	43	149325	18.92	ug/l	98
44) Trichloroethene	7.21	130	67746	19.47	ug/l	99
45) 1,2-Dichloropropane	7.52	63	64521	19.48	ug/l	100
46) Dibromomethane	7.66	93	44570	19.65	ug/l	97
47) Bromodichloromethane	7.90	83	78910	18.81	ug/l	97
48) Methyl methacrylate	7.77	41	78269	19.55	ug/l	99
49) 1,4-Dioxane	7.75	88	36912	388.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	567117	100.21	ug/l	99
52) Toluene	8.79	92	155654	20.10	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	81383	18.59	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	94283	19.48	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	64853	19.34	ug/l	97
56) Ethyl methacrylate	9.18	69	87983	19.11	ug/l	98
57) 1,3-Dichloropropane	9.37	76	106985	19.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	277698	104.94	ug/l	100
59) 2-Hexanone	9.49	43	442310	98.48	ug/l	99
60) Dibromochloromethane	9.59	129	61382	18.67	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67584	19.56	ug/l	99
64) Tetrachloroethene	9.34	164	72995	20.27	ug/l	95
65) Chlorobenzene	10.14	112	176557	19.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	58804	19.09	ug/l	99
67) Ethyl Benzene	10.25	91	292587	19.91	ug/l	100
68) m/p-Xylenes	10.36	106	226738	39.63	ug/l	98
69) o-Xylene	10.70	106	108978	19.94	ug/l	100
70) Styrene	10.71	104	177692	19.94	ug/l	99
71) Bromoform	10.86	173	49148	17.82	ug/l	99
73) Isopropylbenzene	11.02	105	297073	21.20	ug/l	100
74) N-amyl acetate	10.90	43	124496	19.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	102517	19.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82693m	17.34	ug/l	
77) Bromobenzene	11.26	156	79440	20.23	ug/l	99
78) n-propylbenzene	11.36	91	340576	20.87	ug/l	100
79) 2-Chlorotoluene	11.42	91	204141	20.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247803	20.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25810	18.31	ug/l	95
82) 4-Chlorotoluene	11.51	91	239516	20.79	ug/l	99
83) tert-Butylbenzene	11.77	119	237169	20.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	258249	21.43	ug/l	99
85) sec-Butylbenzene	11.94	105	295383	20.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	261466	20.78	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145199	20.06	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	147225	19.62	ug/l	99
89) n-Butylbenzene	12.39	91	226747	19.91	ug/l	99
90) Hexachloroethane	12.60	117	38179	19.02	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	146136	19.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23271	18.99	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103780	19.91	ug/l	98
94) Hexachlorobutadiene	13.78	225	48867	19.23	ug/l	99
95) Naphthalene	13.83	128	318582	20.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106728	20.08	ug/l	99

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

