

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080318\
 Data File : VX003836.D
 Acq On : 02 Aug 2018 21:09
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 1:35:56 PM

Quant Time: Aug 03 01:51:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	107300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	151132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193990	121.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.12%	
35) Dibromofluoromethane	5.51	113	176127	142.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.26%	
50) Toluene-d8	8.72	98	672341	143.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.48%	
62) 4-Bromofluorobenzene	11.14	95	257316	150.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	161446	136.25	ug/l	99
3) Chloromethane	1.32	50	215581	132.05	ug/l	99
4) Vinyl Chloride	1.40	62	205340	128.09	ug/l	99
5) Bromomethane	1.63	94	78101	101.67	ug/l	99
6) Chloroethane	1.70	64	75985	79.51	ug/l	98
7) Trichlorofluoromethane	1.92	101	223925	109.50	ug/l	93
8) Diethyl Ether	2.19	74	110496	119.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161549	129.70	ug/l	99
10) Methyl Iodide	2.50	142	241176	148.82	ug/l	100
11) Tert butyl alcohol	3.10	59	215681	577.02	ug/l	99
12) 1,1-Dichloroethene	2.36	96	155898	128.49	ug/l	99
13) Acrolein	2.29	56	180434	922.58	ug/l	98
14) Allyl chloride	2.72	41	273320	108.83	ug/l	99
15) Acrylonitrile	3.15	53	505616	558.44	ug/l	99
16) Acetone	2.45	43	482353	632.98	ug/l	100
17) Carbon Disulfide	2.56	76	451378	129.36	ug/l	100
18) Methyl Acetate	2.78	43	217881	98.87	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	518303	118.78	ug/l	100
20) Methylene Chloride	2.85	84	175749	119.56	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	166366	126.09	ug/l	96
22) Diisopropyl ether	3.88	45	537658	116.12	ug/l	95
23) Vinyl Acetate	3.82	43	2404091	605.21	ug/l	95
24) 1,1-Dichloroethane	3.69	63	301796	115.11	ug/l	98
25) 2-Butanone	4.71	43	861160	715.97	ug/l	100
26) 2,2-Dichloropropane	4.58	77	198883	120.76	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196404	134.81	ug/l	97
28) Bromochloromethane	5.02	49	141568	129.16	ug/l	100
29) Tetrahydrofuran	5.17	42	443157	593.65	ug/l	97
30) Chloroform	5.22	83	310450	128.03	ug/l	99
31) Cyclohexane	5.57	56	286900	140.22	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	273892	137.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	241558	139.83	ug/l	99
37) Ethyl Acetate	4.87	43	265877	126.00	ug/l	99
38) Carbon Tetrachloride	5.78	117	247783	148.79	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	297643	161.81	ug/l	97
40) Benzene	6.14	78	729845	140.30	ug/l	100
41) Methacrylonitrile	5.07	41	148528	127.18	ug/l	99
42) 1,2-Dichloroethane	6.20	62	241085	131.82	ug/l	100
43) Isopropyl Acetate	6.47	43	428051	139.21	ug/l	99
44) Trichloroethene	7.21	130	201273	144.72	ug/l	100
45) 1,2-Dichloropropane	7.52	63	195633	145.05	ug/l	99
46) Dibromomethane	7.67	93	122889	140.86	ug/l	100
47) Bromodichloromethane	7.90	83	240183	147.42	ug/l	100
48) Methyl methacrylate	7.78	41	220135	141.05	ug/l	99
49) 1,4-Dioxane	7.76	88	100686	2872.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1784897	824.10	ug/l	98
52) Toluene	8.79	92	468153	144.77	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	279651	154.99	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	295119	149.03	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	189083	141.78	ug/l	99
56) Ethyl methacrylate	9.18	69	309435	156.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	311381	139.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	754338	756.33	ug/l	99
59) 2-Hexanone	9.51	43	1396729	841.67	ug/l	99
60) Dibromochloromethane	9.59	129	206193	162.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	202822	145.68	ug/l	100
64) Tetrachloroethene	9.34	164	194787	145.32	ug/l	99
65) Chlorobenzene	10.14	112	536077	143.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	199038	152.48	ug/l	99
67) Ethyl Benzene	10.26	91	918995	148.66	ug/l	100
68) m/p-Xylenes	10.36	106	726902	305.88	ug/l	98
69) o-Xylene	10.70	106	352723	153.42	ug/l	99
70) Styrene	10.71	104	601899	155.68	ug/l	100
71) Bromoform	10.86	173	182486	175.44	ug/l #	100
73) Isopropylbenzene	11.02	105	936035	142.77	ug/l	100
74) N-amyl acetate	6.47	43	428051	124.55	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	320553	130.56	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	271301m	132.42	ug/l	
77) Bromobenzene	11.26	156	260403	142.95	ug/l	99
78) n-propylbenzene	11.37	91	1084687	143.82	ug/l	100
79) 2-Chlorotoluene	11.43	91	635597	137.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	820892	147.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	102740	156.20	ug/l	95
82) 4-Chlorotoluene	11.51	91	765617	140.28	ug/l	99
83) tert-Butylbenzene	11.77	119	825716	151.54	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	848248	147.71	ug/l	99
85) sec-Butylbenzene	11.95	105	964981	150.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	891467	153.84	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	489364	145.06	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	499232	142.24	ug/l	100
89) n-Butylbenzene	12.39	91	790222	152.54	ug/l	99
90) Hexachloroethane	12.60	117	148974	167.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	503870	145.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	74959	145.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	390967	158.59	ug/l	100
94) Hexachlorobutadiene	13.79	225	175408	157.67	ug/l	99
95) Naphthalene	13.83	128	1146320	153.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	389429	155.24	ug/l	100

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

