

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004530.D
 Acq On : 14 Sep 2018 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:09:21 PM

Quant Time: Sep 15 04:47:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	299341	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	369679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179743	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	5.49	113	154229	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
50) Toluene-d8	8.71	98	522630	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
62) 4-Bromofluorobenzene	11.14	95	191154	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	139719	49.80	ug/l	94
3) Chloromethane	1.32	50	174080	45.09	ug/l	97
4) Vinyl Chloride	1.40	62	184622	46.59	ug/l	95
5) Bromomethane	1.64	94	82912	49.97	ug/l	98
6) Chloroethane	1.71	64	116598	45.50	ug/l	98
7) Trichlorofluoromethane	1.93	101	247296	47.07	ug/l	97
8) Diethyl Ether	2.18	74	108736	46.17	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	160893	48.28	ug/l	98
10) Methyl Iodide	2.51	142	184180	46.56	ug/l	97
11) Tert butyl alcohol	3.06	59	179631	195.04	ug/l	100
12) 1,1-Dichloroethene	2.37	96	151453	48.42	ug/l	94
13) Acrolein	2.29	56	73647	202.58	ug/l	96
14) Allyl chloride	2.73	41	293966	45.72	ug/l	97
15) Acrylonitrile	3.15	53	471830	212.74	ug/l	98
16) Acetone	2.44	43	415943	220.80	ug/l	97
17) Carbon Disulfide	2.57	76	427454	47.28	ug/l	99
18) Methyl Acetate	2.78	43	230198	43.55	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	520420	47.42	ug/l	98
20) Methylene Chloride	2.85	84	173561	44.91	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	162761	47.09	ug/l	91
22) Diisopropyl ether	3.87	45	551442	47.61	ug/l	94
23) Vinyl Acetate	3.82	43	2311409	246.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	310269	47.45	ug/l	98
25) 2-Butanone	4.69	43	619717	206.70	ug/l	92
26) 2,2-Dichloropropane	4.59	77	238038	53.00	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	183277	47.50	ug/l	98
28) Bromochloromethane	5.02	49	137381	45.93	ug/l	99
29) Tetrahydrofuran	5.15	42	388873	215.08	ug/l	98
30) Chloroform	5.21	83	298997	46.84	ug/l	100
31) Cyclohexane	5.57	56	282076	50.52	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	243859	47.43	ug/l	99
36) 1,1-Dichloropropene	5.80	75	232638	51.83	ug/l	99
37) Ethyl Acetate	4.85	43	228960	44.85	ug/l	99
38) Carbon Tetrachloride	5.77	117	217620	49.64	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	253336	54.09	ug/l	97
40) Benzene	6.14	78	691554	51.93	ug/l	98
41) Methacrylonitrile	5.05	41	133690	47.53	ug/l	97
42) 1,2-Dichloroethane	6.20	62	224015	50.72	ug/l	99
43) Isopropyl Acetate	6.46	43	357117	52.67	ug/l	99
44) Trichloroethene	7.21	130	166816	48.22	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154721	48.29	ug/l	100
46) Dibromomethane	7.66	93	97819	48.32	ug/l	98
47) Bromodichloromethane	7.90	83	186742	48.78	ug/l	99
48) Methyl methacrylate	7.77	41	160486	47.83	ug/l	97
49) 1,4-Dioxane	7.75	88	69729	878.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1014026	211.94	ug/l	98
52) Toluene	8.79	92	370304	47.20	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	227858	50.95	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	238539	52.33	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	165004	48.84	ug/l	94
56) Ethyl methacrylate	9.18	69	248678	52.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	279941	51.00	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	605646	248.77	ug/l	96
59) 2-Hexanone	9.50	43	900586	245.40	ug/l	98
60) Dibromochloromethane	9.59	129	171513	53.93	ug/l	97
61) 1,2-Dibromoethane	9.68	107	166349	51.55	ug/l	97
64) Tetrachloroethene	9.34	164	214943	52.20	ug/l	95
65) Chlorobenzene	10.14	112	418543	51.10	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	148223	52.47	ug/l	99
67) Ethyl Benzene	10.25	91	717407	53.86	ug/l	97
68) m/p-Xylenes	10.36	106	561849	109.51	ug/l	97
69) o-Xylene	10.70	106	269645	54.67	ug/l	100
70) Styrene	10.71	104	456832	55.90	ug/l	99
71) Bromoform	10.86	173	119372	51.47	ug/l #	98
73) Isopropylbenzene	11.02	105	731436	53.30	ug/l	100
74) N-amyl acetate	10.90	43	283326	49.05	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	207988	46.99	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	201574m	48.09	ug/l	
77) Bromobenzene	11.26	156	192401	50.73	ug/l	99
78) n-propylbenzene	11.36	91	855372	54.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	492740	51.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	624024	54.10	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	69348	52.73	ug/l	95
82) 4-Chlorotoluene	11.51	91	585236	52.40	ug/l	99
83) tert-Butylbenzene	11.77	119	591314	53.84	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	643308	54.62	ug/l	99
85) sec-Butylbenzene	11.94	105	760765	54.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	691118	55.92	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	363559	51.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	369166	50.49	ug/l	99
89) n-Butylbenzene	12.39	91	625160	55.51	ug/l	98
90) Hexachloroethane	12.60	117	103813	52.47	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	362987	50.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45639	48.29	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279851	55.18	ug/l	99
94) Hexachlorobutadiene	13.79	225	141000	53.22	ug/l	97
95) Naphthalene	13.83	128	765267	53.80	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	278043	53.36	ug/l	99

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

