

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005396.D
 Acq On : 17 Oct 2018 17:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:37 PM

Quant Time: Oct 19 01:39:41 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	291210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143522	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
35) Dibromofluoromethane	5.50	113	121105	40.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.20%	
50) Toluene-d8	8.71	98	460385	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
62) 4-Bromofluorobenzene	11.14	95	175930	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103359	45.39	ug/l	96
3) Chloromethane	1.32	50	142806	43.28	ug/l	100
4) Vinyl Chloride	1.41	62	154845	46.33	ug/l	91
5) Bromomethane	1.64	94	91531	48.51	ug/l	94
6) Chloroethane	1.71	64	93813	47.28	ug/l	97
7) Trichlorofluoromethane	1.92	101	212693	47.69	ug/l	97
8) Diethyl Ether	2.18	74	97060	50.96	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134865	52.39	ug/l	96
10) Methyl Iodide	2.51	142	152313	53.77	ug/l	99
11) Tert butyl alcohol	3.08	59	222810	244.39	ug/l	99
12) 1,1-Dichloroethene	2.37	96	138309	54.23	ug/l	87
13) Acrolein	2.29	56	167519	288.28	ug/l	97
14) Allyl chloride	2.72	41	270141	48.24	ug/l	95
15) Acrylonitrile	3.15	53	497160	240.64	ug/l	100
16) Acetone	2.45	43	466113	249.43	ug/l	93
17) Carbon Disulfide	2.57	76	333424	43.15	ug/l	99
18) Methyl Acetate	2.78	43	265552	49.95	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	463382	51.59	ug/l	98
20) Methylene Chloride	2.85	84	142218	52.29	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	133114	47.09	ug/l	99
22) Diisopropyl ether	3.87	45	444506	47.26	ug/l	92
23) Vinyl Acetate	3.82	43	1956280	237.97	ug/l	97
24) 1,1-Dichloroethane	3.69	63	254389	47.19	ug/l	99
25) 2-Butanone	4.70	43	653859	239.15	ug/l	96
26) 2,2-Dichloropropane	4.58	77	200961	49.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	153215	49.88	ug/l	99
28) Bromochloromethane	5.02	49	116353	47.35	ug/l	96
29) Tetrahydrofuran	5.15	42	412373	236.45	ug/l	96
30) Chloroform	5.21	83	237650	47.50	ug/l	100
31) Cyclohexane	5.57	56	208897	47.02	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	206137	47.35	ug/l	99
36) 1,1-Dichloropropene	5.79	75	178275	40.87	ug/l	99
37) Ethyl Acetate	4.85	43	232215	41.40	ug/l	98
38) Carbon Tetrachloride	5.78	117	182601	41.67	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219012	46.40	ug/l	96
40) Benzene	6.13	78	601552	45.98	ug/l	98
41) Methacrylonitrile	5.06	41	127498	42.40	ug/l	97
42) 1,2-Dichloroethane	6.20	62	188622	40.83	ug/l	99
43) Isopropyl Acetate	6.46	43	372008	49.79	ug/l	97
44) Trichloroethene	7.21	130	150990	45.14	ug/l	97
45) 1,2-Dichloropropane	7.52	63	149220	46.49	ug/l	89
46) Dibromomethane	7.66	93	92851	43.83	ug/l	98
47) Bromodichloromethane	7.90	83	178750	45.62	ug/l	99
48) Methyl methacrylate	7.77	41	180796	46.65	ug/l	96
49) 1,4-Dioxane	7.76	88	79815	892.96	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1225868	236.95	ug/l	97
52) Toluene	8.79	92	340047	47.51	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210592	49.66	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	225422	49.06	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	142469	46.99	ug/l	97
56) Ethyl methacrylate	9.18	69	232380	52.58	ug/l	96
57) 1,3-Dichloropropane	9.37	76	235662	46.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	613634	247.56	ug/l	95
59) 2-Hexanone	9.50	43	977200	234.81	ug/l	96
60) Dibromochloromethane	9.59	129	149733	47.78	ug/l	99
61) 1,2-Dibromoethane	9.67	107	149266	46.91	ug/l	99
64) Tetrachloroethene	9.34	164	150150	48.29	ug/l	98
65) Chlorobenzene	10.14	112	391122	47.61	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	143583	49.04	ug/l	99
67) Ethyl Benzene	10.25	91	666126	49.87	ug/l	96
68) m/p-Xylenes	10.36	106	518759	100.07	ug/l	96
69) o-Xylene	10.70	106	254047	50.81	ug/l	98
70) Styrene	10.71	104	424701	51.64	ug/l	98
71) Bromoform	10.86	173	128692	49.19	ug/l	99
73) Isopropylbenzene	11.02	105	687251	52.81	ug/l	100
74) N-amyl acetate	10.90	43	331992	52.89	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	234104	47.69	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219941m	51.79	ug/l	
77) Bromobenzene	11.26	156	185786	49.93	ug/l	99
78) n-propylbenzene	11.36	91	782902	52.28	ug/l	100
79) 2-Chlorotoluene	11.42	91	463826	50.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	587607	52.73	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	71119	50.89	ug/l	95
82) 4-Chlorotoluene	11.51	91	547574	50.36	ug/l	100
83) tert-Butylbenzene	11.77	119	597446	52.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	598503	52.18	ug/l	99
85) sec-Butylbenzene	11.94	105	718542	53.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	644836	53.42	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	345930	49.75	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	350057	49.21	ug/l	99
89) n-Butylbenzene	12.39	91	577172	52.66	ug/l	98
90) Hexachloroethane	12.60	117	103019	49.52	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	346597	48.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58181	48.58	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279721	53.73	ug/l	98
94) Hexachlorobutadiene	13.79	225	136068	49.49	ug/l	97
95) Naphthalene	13.83	128	849462	56.26	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	279469	52.47	ug/l	99

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

