

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005826.D
 Acq On : 07 Nov 2018 13:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:34 AM

Quant Time: Nov 07 14:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:01:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132928	76.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.26%	
35) Dibromofluoromethane	5.49	113	110956	96.03	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	192.06%	
50) Toluene-d8	8.72	98	362173	89.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.74%	
62) 4-Bromofluorobenzene	11.14	95	139777	93.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107248	77.737	ug/l	98
3) Chloromethane	1.32	50	140715	86.471	ug/l	97
4) Vinyl Chloride	1.41	62	144000	85.054	ug/l	96
5) Bromomethane	1.64	94	83172	39.590	ug/l	95
6) Chloroethane	1.71	64	84914	69.069	ug/l	92
7) Trichlorofluoromethane	1.92	101	185538	85.377	ug/l	93
8) Diethyl Ether	2.19	74	70030	71.692	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103859	78.680	ug/l	99
10) Methyl Iodide	2.51	142	145141	123.216	ug/l	97
11) Tert butyl alcohol	3.09	59	187008	394.387	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99333	77.225	ug/l	87
13) Acrolein	2.29	56	96666	310.638	ug/l	95
14) Allyl chloride	2.72	41	233525	87.800	ug/l	97
15) Acrylonitrile	3.15	53	386792	370.953	ug/l	97
16) Acetone	2.45	43	356620	358.588	ug/l	97
17) Carbon Disulfide	2.56	76	319714	80.887	ug/l	99
18) Methyl Acetate	2.78	43	198318	79.144	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	365414	82.071	ug/l	94
20) Methylene Chloride	2.85	84	110877	73.640	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	101501	74.575	ug/l	96
22) Diisopropyl ether	3.87	45	400284	81.130	ug/l	94
23) Vinyl Acetate	3.82	43	1770616	412.017	ug/l	99
24) 1,1-Dichloroethane	3.69	63	213851	76.653	ug/l	98
25) 2-Butanone	4.71	43	580215	393.933	ug/l	98
26) 2,2-Dichloropropane	4.58	77	161705	77.538	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122159	79.874	ug/l	98
28) Bromochloromethane	5.01	49	100228	73.638	ug/l	98
29) Tetrahydrofuran	5.16	42	382525	425.506	ug/l	99
30) Chloroform	5.21	83	207200	75.963	ug/l	98
31) Cyclohexane	5.57	56	197452	84.635	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	176942	81.056	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161530	90.853	ug/l	98
37) Ethyl Acetate	4.86	43	214328	94.491	ug/l	99
38) Carbon Tetrachloride	5.78	117	164422	102.362	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169987	91.676	ug/l #	81
40) Benzene	6.14	78	454627	85.952	ug/l #	89
41) Methacrylonitrile	5.06	41	117977	96.262	ug/l	98
42) 1,2-Dichloroethane	6.20	62	165409	84.605	ug/l	100
43) Isopropyl Acetate	6.46	43	314304	95.470	ug/l	98
44) Trichloroethene	7.22	130	114749	93.802	ug/l	85
45) 1,2-Dichloropropane	7.52	63	107156	79.055	ug/l	99
46) Dibromomethane	7.66	93	68926	79.568	ug/l	99
47) Bromodichloromethane	7.90	83	135167	83.187	ug/l	98
48) Methyl methacrylate	7.78	41	143650	90.153	ug/l	99
49) 1,4-Dioxane	7.76	88	61913	1744.950	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	973223	433.544	ug/l	100
52) Toluene	8.79	92	254547	88.973	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	168634	95.766	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	165864	87.916	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	118593	95.450	ug/l	87
56) Ethyl methacrylate	9.18	69	189828	101.135	ug/l	98
57) 1,3-Dichloropropane	9.38	76	205535	96.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	473967	446.798	ug/l	100
59) 2-Hexanone	9.50	43	900667	493.022	ug/l	95
60) Dibromochloromethane	9.59	129	138595	115.439	ug/l	93
61) 1,2-Dibromoethane	9.67	107	132006	104.266	ug/l	96
64) Tetrachloroethene	9.34	164	130347	111.941	ug/l	95
65) Chlorobenzene	10.14	112	299458	88.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	112181	96.755	ug/l	95
67) Ethyl Benzene	10.25	91	567560	98.190	ug/l	93
68) m/p-Xylenes	10.36	106	398086	185.341	ug/l	97
69) o-Xylene	10.70	106	183553	89.352	ug/l	99
70) Styrene	10.71	104	311949	91.428	ug/l	99
71) Bromoform	10.86	173	100523	107.006	ug/l	100
73) Isopropylbenzene	11.02	105	503626	91.697	ug/l	100
74) N-amyl acetate	10.90	43	265976	90.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176114	77.290	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	168049m	81.048	ug/l	
77) Bromobenzene	11.26	156	135382	99.366	ug/l	99
78) n-propylbenzene	11.36	91	595678	89.154	ug/l	99
79) 2-Chlorotoluene	11.42	91	349473	87.575	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	438766	94.086	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57801	90.068	ug/l	96
82) 4-Chlorotoluene	11.51	91	423255	88.841	ug/l	100
83) tert-Butylbenzene	11.77	119	436415	98.079	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	449471	95.447	ug/l	100
85) sec-Butylbenzene	11.94	105	526925	92.317	ug/l	100
86) p-Isopropyltoluene	12.07	119	479558	98.788	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	253561	96.250	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	257533	90.998	ug/l	100
89) n-Butylbenzene	12.39	91	442487	90.344	ug/l	100
90) Hexachloroethane	12.60	117	81317	94.418	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	255072	92.679	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46443	86.901	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	198152	112.256	ug/l	100
94) Hexachlorobutadiene	13.79	225	97738	114.454	ug/l	99
95) Naphthalene	13.83	128	608470	104.815	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201016	111.859	ug/l	99

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

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