

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005796.D
 Acq On : 05 Nov 2018 23:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:27:09 AM

Quant Time: Nov 06 03:06:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	148459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	240314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	101715	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.51	113	78583	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.71	98	290166	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.14	95	106363	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87507	51.024	ug/l	98
3) Chloromethane	1.32	50	98195	48.541	ug/l	96
4) Vinyl Chloride	1.41	62	99491	47.272	ug/l	99
5) Bromomethane	1.64	94	88166	33.760	ug/l	100
6) Chloroethane	1.71	64	61093	45.479	ug/l	96
7) Trichlorofluoromethane	1.92	101	128219	47.463	ug/l	97
8) Diethyl Ether	2.19	74	55791	45.946	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75763	46.171	ug/l	92
10) Methyl Iodide	2.51	142	85704	53.516	ug/l	99
11) Tert butyl alcohol	3.07	59	143916	244.154	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73318	45.853	ug/l	96
13) Acrolein	2.29	56	84758	203.360	ug/l	97
14) Allyl chloride	2.73	41	156195	47.241	ug/l	98
15) Acrylonitrile	3.15	53	313355	241.752	ug/l	99
16) Acetone	2.45	43	270120	241.725	ug/l	98
17) Carbon Disulfide	2.57	76	199267	40.555	ug/l	100
18) Methyl Acetate	2.78	43	158731	50.957	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	280947	50.760	ug/l	93
20) Methylene Chloride	2.86	84	89661	47.903	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	77634	45.884	ug/l	94
22) Diisopropyl ether	3.87	45	303136	49.425	ug/l	# 90
23) Vinyl Acetate	3.82	43	1284444	240.435	ug/l	99
24) 1,1-Dichloroethane	3.70	63	163349	47.100	ug/l	99
25) 2-Butanone	4.70	43	421376	230.142	ug/l	92
26) 2,2-Dichloropropane	4.59	77	97347	37.550	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	88205	46.394	ug/l	100
28) Bromochloromethane	5.02	49	80079	47.329	ug/l	91
29) Tetrahydrofuran	5.15	42	269096	240.794	ug/l	93
30) Chloroform	5.21	83	152050	44.843	ug/l	95
31) Cyclohexane	5.57	56	134242	46.288	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	127694	47.056	ug/l	96
36) 1,1-Dichloropropene	5.80	75	116350	45.443	ug/l	95
37) Ethyl Acetate	4.85	43	150324	46.020	ug/l	97
38) Carbon Tetrachloride	5.78	117	101898	44.051	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125493	46.997	ug/l	99
40) Benzene	6.14	78	349514	45.885	ug/l	97
41) Methacrylonitrile	5.06	41	81621	46.245	ug/l	95
42) 1,2-Dichloroethane	6.20	62	125431	44.550	ug/l	99
43) Isopropyl Acetate	6.46	43	222153	46.858	ug/l	97
44) Trichloroethene	7.21	130	83928	47.641	ug/l	88
45) 1,2-Dichloropropane	7.51	63	98206	50.311	ug/l	98
46) Dibromomethane	7.66	93	55213	44.260	ug/l	91
47) Bromodichloromethane	7.90	83	108052	46.177	ug/l	99
48) Methyl methacrylate	7.77	41	110371	48.100	ug/l	97
49) 1,4-Dioxane	7.76	88	49283	964.513	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	780738	241.510	ug/l	96
52) Toluene	8.79	92	194432	47.192	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	117716	46.421	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	130272	47.949	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	83584	46.714	ug/l	95
56) Ethyl methacrylate	9.18	69	134373	44.526	ug/l	98
57) 1,3-Dichloropropane	9.37	76	144773	47.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	394937	229.815	ug/l	95
59) 2-Hexanone	9.49	43	622672	236.685	ug/l	96
60) Dibromochloromethane	9.59	129	80200	46.386	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86254	47.309	ug/l	100
64) Tetrachloroethene	9.34	164	77913	49.259	ug/l	98
65) Chlorobenzene	10.14	112	214324	46.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	74776	47.479	ug/l	98
67) Ethyl Benzene	10.25	91	381760	48.622	ug/l	99
68) m/p-Xylenes	10.36	106	285604	97.891	ug/l	96
69) o-Xylene	10.70	106	137082	49.126	ug/l	95
70) Styrene	10.71	104	236873	51.109	ug/l	98
71) Bromoform	10.86	173	61259	48.006	ug/l	99
73) Isopropylbenzene	11.02	105	378476	49.395	ug/l	99
74) N-amyl acetate	10.90	43	196793	48.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	146569	46.107	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	138728m	47.959	ug/l	
77) Bromobenzene	11.26	156	91792	48.292	ug/l	88
78) n-propylbenzene	11.36	91	457485	49.080	ug/l	96
79) 2-Chlorotoluene	11.42	91	267433	48.037	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	324698	49.907	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40842	45.618	ug/l	97
82) 4-Chlorotoluene	11.51	91	319920	48.134	ug/l	96
83) tert-Butylbenzene	11.77	119	308035	49.622	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	332415	50.598	ug/l	98
85) sec-Butylbenzene	11.94	105	389406	48.902	ug/l	97
86) p-Isopropyltoluene	12.07	119	337271	49.801	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	173046	47.084	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	178569	45.227	ug/l	98
89) n-Butylbenzene	12.39	91	324078	47.429	ug/l	98
90) Hexachloroethane	12.60	117	54938	45.724	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	177465	46.220	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34990	46.929	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121763	49.445	ug/l	99
94) Hexachlorobutadiene	13.79	225	55858	46.886	ug/l	100
95) Naphthalene	13.83	128	427881	52.833	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126503	50.459	ug/l	99

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

