

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005156.D
 Acq On : 09 Oct 2018 13:58
 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
 10/10/2018 2:07:47 PM

Quant Time: Oct 10 06:40:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144697	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.50	113	119965	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.71	98	450240	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	170891	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	172430	55.800	ug/l	98
3) Chloromethane	1.32	50	182662	48.722	ug/l	99
4) Vinyl Chloride	1.40	62	181596	51.644	ug/l	98
5) Bromomethane	1.64	94	97463	46.742	ug/l	95
6) Chloroethane	1.71	64	103286	54.089	ug/l	96
7) Trichlorofluoromethane	1.92	101	233954	53.744	ug/l	94
8) Diethyl Ether	2.19	74	87773	46.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130246	52.526	ug/l	99
10) Methyl Iodide	2.51	142	152063	45.827	ug/l	91
11) Tert butyl alcohol	3.07	59	214898	237.393	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121459	49.460	ug/l	92
13) Acrolein	2.29	56	146193	226.981	ug/l	91
14) Allyl chloride	2.73	41	273281	51.003	ug/l	95
15) Acrylonitrile	3.15	53	482071	241.908	ug/l	96
16) Acetone	2.45	43	478008	252.897	ug/l	94
17) Carbon Disulfide	2.57	76	370590	50.222	ug/l	98
18) Methyl Acetate	2.78	43	240637	50.249	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	428858	50.629	ug/l	97
20) Methylene Chloride	2.85	84	137829	50.156	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	129745	48.265	ug/l	85
22) Diisopropyl ether	3.87	45	477680	52.943	ug/l	94
23) Vinyl Acetate	3.82	43	2192613	265.484	ug/l	98
24) 1,1-Dichloroethane	3.70	63	256656	47.687	ug/l	100
25) 2-Butanone	4.70	43	653829	234.675	ug/l	97
26) 2,2-Dichloropropane	4.58	77	192062	51.246	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	136068	45.309	ug/l	93
28) Bromochloromethane	5.01	49	112362	44.333	ug/l	99
29) Tetrahydrofuran	5.15	42	414515	239.373	ug/l	98
30) Chloroform	5.21	83	229222	45.064	ug/l	100
31) Cyclohexane	5.57	56	220391	53.502	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	200818	48.342	ug/l	95
36) 1,1-Dichloropropene	5.79	75	181014	49.648	ug/l	94
37) Ethyl Acetate	4.85	43	224778	46.445	ug/l	98
38) Carbon Tetrachloride	5.78	117	180371	47.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218729	58.752	ug/l	86
40) Benzene	6.14	78	522408	45.768	ug/l	95
41) Methacrylonitrile	5.06	41	124341	46.328	ug/l	98
42) 1,2-Dichloroethane	6.20	62	185750	46.034	ug/l	97
43) Isopropyl Acetate	6.46	43	332232	47.562	ug/l	97
44) Trichloroethene	7.21	130	142610	50.823	ug/l	94
45) 1,2-Dichloropropane	7.51	63	145795	52.085	ug/l	100
46) Dibromomethane	7.66	93	89814	51.055	ug/l	100
47) Bromodichloromethane	7.90	83	173062	52.545	ug/l	100
48) Methyl methacrylate	7.77	41	176053	55.528	ug/l	99
49) 1,4-Dioxane	7.76	88	76823	975.308	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1186986	269.877	ug/l	99
52) Toluene	8.79	92	332381	52.995	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	199796	53.681	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	215295	55.226	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134077	48.803	ug/l	95
56) Ethyl methacrylate	9.18	69	212834	47.869	ug/l	97
57) 1,3-Dichloropropane	9.37	76	226687	49.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	578577	244.730	ug/l	100
59) 2-Hexanone	9.49	43	971628	265.100	ug/l	95
60) Dibromochloromethane	9.59	129	140812	51.250	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140133	47.628	ug/l	95
64) Tetrachloroethene	9.34	164	142350	48.052	ug/l	96
65) Chlorobenzene	10.14	112	369713	47.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	131951	48.629	ug/l	99
67) Ethyl Benzene	10.25	91	637292	52.008	ug/l	95
68) m/p-Xylenes	10.36	106	499401	104.294	ug/l	96
69) o-Xylene	10.70	106	237665	54.038	ug/l	99
70) Styrene	10.71	104	400856	48.786	ug/l	100
71) Bromoform	10.86	173	116289	50.059	ug/l	97
73) Isopropylbenzene	11.02	105	651411	53.593	ug/l	100
74) N-amyl acetate	10.90	43	303069	45.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219149	44.292	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	209874m	48.558	ug/l	
77) Bromobenzene	11.26	156	170754	48.366	ug/l	99
78) n-propylbenzene	11.36	91	764358	54.808	ug/l	99
79) 2-Chlorotoluene	11.42	91	442843	50.943	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	561663	50.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65752	41.829	ug/l	98
82) 4-Chlorotoluene	11.51	91	528492	51.652	ug/l	99
83) tert-Butylbenzene	11.77	119	551716	55.131	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	577644	50.281	ug/l	99
85) sec-Butylbenzene	11.94	105	675932	55.453	ug/l	100
86) p-Isopropyltoluene	12.07	119	614221	55.618	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320411	48.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325671	47.856	ug/l	99
89) n-Butylbenzene	12.39	91	555061	55.342	ug/l	100
90) Hexachloroethane	12.60	117	94832	51.575	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	319808	46.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54216	49.905	ug/l	99

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246674	51.042	ug/l	99
94) Hexachlorobutadiene	13.79	225	131016	52.280	ug/l	100
95) Naphthalene	13.83	128	755938	47.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251312	50.340	ug/l	100

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

