

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004908.D
 Acq On : 02 Oct 2018 08:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/5/2018 11:55:57 AM

Quant Time: Oct 03 13:08:05 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	5.67	168	241659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161906	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	5.51	113	132022	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	
50) Toluene-d8	8.72	98	506252	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	189673	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	177280	53.804	ug/l	99
3) Chloromethane	1.32	50	182052	45.541	ug/l	100
4) Vinyl Chloride	1.40	62	190828	50.896	ug/l	99
5) Bromomethane	1.64	94	117035	52.640	ug/l	95
6) Chloroethane	1.71	64	111921	55.008	ug/l	100
7) Trichlorofluoromethane	1.92	101	245334	52.855	ug/l	96
8) Diethyl Ether	2.19	74	100640	49.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138328	52.318	ug/l	99
10) Methyl Iodide	2.51	142	98595	27.867	ug/l	91
11) Tert butyl alcohol	3.08	59	228429	236.655	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131297	50.143	ug/l	96
13) Acrolein	2.29	56	99498	144.879	ug/l	91
14) Allyl chloride	2.73	41	298542	52.254	ug/l	95
15) Acrylonitrile	3.15	53	528181	248.572	ug/l	97
16) Acetone	2.45	43	534526	265.220	ug/l	93
17) Carbon Disulfide	2.57	76	377935	48.034	ug/l	99
18) Methyl Acetate	2.78	43	279152	54.669	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	489790	54.229	ug/l	96
20) Methylene Chloride	2.85	84	150906	51.524	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	140427	48.991	ug/l	84
22) Diisopropyl ether	3.87	45	508153	52.819	ug/l	96
23) Vinyl Acetate	3.82	43	2249716	255.466	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273947	47.736	ug/l	99
25) 2-Butanone	4.70	43	734759	247.330	ug/l	96
26) 2,2-Dichloropropane	4.58	77	215868	54.018	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	156948	49.014	ug/l	94
28) Bromochloromethane	5.02	49	129501	47.919	ug/l	98
29) Tetrahydrofuran	5.15	42	468309	253.628	ug/l	97
30) Chloroform	5.21	83	260070	47.950	ug/l	99
31) Cyclohexane	5.57	56	241244	54.924	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	224250	50.627	ug/l	95
36) 1,1-Dichloropropene	5.80	75	195816	47.623	ug/l	94
37) Ethyl Acetate	4.86	43	252989	46.352	ug/l	98
38) Carbon Tetrachloride	5.78	117	195624	45.260	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236767	56.392	ug/l #	82
40) Benzene	6.14	78	596035	46.302	ug/l	96
41) Methacrylonitrile	5.06	41	146332	48.344	ug/l	98
42) 1,2-Dichloroethane	6.20	62	211718	46.525	ug/l	97
43) Isopropyl Acetate	6.46	43	391540	49.702	ug/l	96
44) Trichloroethene	7.21	130	156580	49.480	ug/l	96
45) 1,2-Dichloropropane	7.52	63	160763	50.926	ug/l	100
46) Dibromomethane	7.66	93	101566	51.195	ug/l	99
47) Bromodichloromethane	7.90	83	195844	52.725	ug/l	99
48) Methyl methacrylate	7.78	41	204054	57.068	ug/l	100
49) 1,4-Dioxane	7.76	88	80347	904.486	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1351348	272.439	ug/l	99
52) Toluene	8.79	92	373644	52.824	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	228853	54.522	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	248072	56.425	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154174	49.760	ug/l	96
56) Ethyl methacrylate	9.18	69	251855	50.087	ug/l	97
57) 1,3-Dichloropropane	9.37	76	260183	50.456	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	681969	255.140	ug/l	100
59) 2-Hexanone	9.50	43	1076562	260.453	ug/l	96
60) Dibromochloromethane	9.59	129	159468	51.465	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158609	47.800	ug/l	95
64) Tetrachloroethene	9.34	164	146821	44.254	ug/l	96
65) Chlorobenzene	10.14	112	418001	48.358	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	151620	49.894	ug/l	99
67) Ethyl Benzene	10.26	91	713526	51.994	ug/l	95
68) m/p-Xylenes	10.36	106	553219	103.161	ug/l	96
69) o-Xylene	10.70	106	268134	54.437	ug/l	99
70) Styrene	10.71	104	450415	48.940	ug/l	100
71) Bromoform	10.86	173	130917	50.321	ug/l #	97
73) Isopropylbenzene	11.02	105	724621	55.372	ug/l	100
74) N-amyl acetate	10.90	43	358858	49.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	253811	47.646	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232001m	49.855	ug/l	
77) Bromobenzene	11.26	156	192909	50.751	ug/l	99
78) n-propylbenzene	11.36	91	828528	55.180	ug/l	99
79) 2-Chlorotoluene	11.42	91	491877	52.555	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	609852	50.849	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75528	44.495	ug/l	98
82) 4-Chlorotoluene	11.51	91	582144	52.844	ug/l	100
83) tert-Butylbenzene	11.77	119	606150	56.258	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	633988	51.260	ug/l	99
85) sec-Butylbenzene	11.95	105	724874	55.234	ug/l	100
86) p-Isopropyltoluene	12.07	119	652172	54.850	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	354056	49.883	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	358260	48.897	ug/l	100
89) n-Butylbenzene	12.39	91	589043	54.549	ug/l	99
90) Hexachloroethane	12.60	117	104557	52.815	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	359544	48.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58139	49.706	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	273361	52.537	ug/l	100
94) Hexachlorobutadiene	13.79	225	131160	48.612	ug/l	100
95) Naphthalene	13.83	128	872579	50.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276425	51.429	ug/l	100

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

