

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005557.D
 Acq On : 24 Oct 2018 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:51 AM

Quant Time: Oct 25 06:30:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	126014	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	99673	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
50) Toluene-d8	8.72	98	376513	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.14	95	140652	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75379	36.988	ug/l	98
3) Chloromethane	1.32	50	105416	40.618	ug/l	99
4) Vinyl Chloride	1.41	62	119219	46.717	ug/l	89
5) Bromomethane	1.64	94	73930	46.558	ug/l	98
6) Chloroethane	1.71	64	71913	44.112	ug/l	99
7) Trichlorofluoromethane	1.92	101	167827	47.329	ug/l	95
8) Diethyl Ether	2.19	74	67212	47.496	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100779	49.535	ug/l	100
10) Methyl Iodide	2.51	142	117268	54.908	ug/l	99
11) Tert butyl alcohol	3.07	59	173333	255.573	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90794	46.847	ug/l	96
13) Acrolein	2.29	56	87132	251.855	ug/l	89
14) Allyl chloride	2.73	41	208635	48.234	ug/l	94
15) Acrylonitrile	3.15	53	377995	248.549	ug/l	98
16) Acetone	2.45	43	341171	256.178	ug/l	94
17) Carbon Disulfide	2.57	76	268665	45.475	ug/l	98
18) Methyl Acetate	2.78	43	177659	54.120	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	343875	49.740	ug/l	99
20) Methylene Chloride	2.85	84	108897	48.822	ug/l #	90
21) trans-1,2-Dichloroethene	3.16	96	100011	47.262	ug/l #	83
22) Diisopropyl ether	3.87	45	359052	47.534	ug/l	95
23) Vinyl Acetate	3.82	43	1643063	246.987	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	200217	48.754	ug/l	99
25) 2-Butanone	4.70	43	522042	257.414	ug/l	94
26) 2,2-Dichloropropane	4.58	77	132653	41.839	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	108938	47.752	ug/l	93
28) Bromochloromethane	5.02	49	98948	49.816	ug/l	88
29) Tetrahydrofuran	5.15	42	330254	250.232	ug/l	91
30) Chloroform	5.21	83	186745	48.613	ug/l	98
31) Cyclohexane	5.57	56	168418	49.566	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	167249	49.329	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137686	44.888	ug/l	99
37) Ethyl Acetate	4.85	43	186806	47.726	ug/l	97
38) Carbon Tetrachloride	5.78	117	144026	44.582	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159301	47.033	ug/l	96
40) Benzene	6.14	78	415481	47.252	ug/l	99
41) Methacrylonitrile	5.06	41	100912	46.283	ug/l	95
42) 1,2-Dichloroethane	6.20	62	153813	46.048	ug/l	96
43) Isopropyl Acetate	6.46	43	275571	46.983	ug/l	95
44) Trichloroethene	7.21	130	112968	47.161	ug/l	94
45) 1,2-Dichloropropane	7.52	63	112390	47.543	ug/l	99
46) Dibromomethane	7.66	93	72289	47.347	ug/l	98
47) Bromodichloromethane	7.90	83	141170	47.640	ug/l	99
48) Methyl methacrylate	7.77	41	144676	50.632	ug/l	93
49) 1,4-Dioxane	7.76	88	62338	998.305	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	981369	248.957	ug/l	93
52) Toluene	8.79	92	260000	48.654	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	155806	48.649	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	169122	49.048	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108744	48.267	ug/l	96
56) Ethyl methacrylate	9.18	69	169674	50.490	ug/l	92
57) 1,3-Dichloropropane	9.37	76	183237	48.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	470709	250.792	ug/l	93
59) 2-Hexanone	9.50	43	787305	253.315	ug/l	92
60) Dibromochloromethane	9.59	129	115652	49.200	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113215	48.573	ug/l	100
64) Tetrachloroethene	9.34	164	117029	48.867	ug/l	99
65) Chlorobenzene	10.14	112	292680	47.643	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	108396	48.392	ug/l	99
67) Ethyl Benzene	10.25	91	510019	50.461	ug/l	97
68) m/p-Xylenes	10.36	106	397988	101.493	ug/l	95
69) o-Xylene	10.70	106	189285	51.307	ug/l	96
70) Styrene	10.71	104	322019	52.141	ug/l	96
71) Bromoform	10.86	173	95808	47.932	ug/l	98
73) Isopropylbenzene	11.02	105	518417	51.605	ug/l	99
74) N-amyl acetate	10.90	43	258180	51.866	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	178118	48.059	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	170001m	50.786	ug/l	
77) Bromobenzene	11.26	156	137538	49.126	ug/l	97
78) n-propylbenzene	11.36	91	600938	52.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	360404	50.602	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	446111	51.911	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	51041	47.897	ug/l	99
82) 4-Chlorotoluene	11.51	91	426201	50.748	ug/l	98
83) tert-Butylbenzene	11.77	119	435828	50.877	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	460673	52.892	ug/l	97
85) sec-Butylbenzene	11.94	105	530839	51.932	ug/l	98
86) p-Isopropyltoluene	12.07	119	476151	52.109	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	256617	48.742	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	259985	47.212	ug/l	98
89) n-Butylbenzene	12.39	91	420309	50.951	ug/l	98
90) Hexachloroethane	12.60	117	78579	49.860	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	261154	49.029	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45013	50.230	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	193123	50.016	ug/l	99
94) Hexachlorobutadiene	13.79	225	92310	46.133	ug/l	95
95) Naphthalene	13.83	128	602600	53.690	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	198393	50.687	ug/l	99

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

