

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\
 Data File : VX006762.D
 Acq On : 22 Dec 2018 10:25
 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
 12/24/2018 11:47:30 AM

Quant Time: Dec 24 04:34:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	628897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	935851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	834712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	325269	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	300359	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	1114949	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	394016	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249315	43.334	ug/l	100
3) Chloromethane	1.33	50	258829	41.758	ug/l	98
4) Vinyl Chloride	1.41	62	279431	43.165	ug/l	98
5) Bromomethane	1.64	94	275299	45.394	ug/l	98
6) Chloroethane	1.72	64	181827	40.565	ug/l	97
7) Trichlorofluoromethane	1.93	101	461929	45.768	ug/l	99
8) Diethyl Ether	2.19	74	176442	44.014	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	282662	47.698	ug/l	100
10) Methyl Iodide	2.51	142	366231	43.173	ug/l	100
11) Tert butyl alcohol	3.07	59	318344	210.453	ug/l	100
12) 1,1-Dichloroethene	2.38	96	252864	45.002	ug/l	97
13) Acrolein	2.30	56	197869	193.904	ug/l	100
14) Allyl chloride	2.73	41	427125	45.160	ug/l	100
15) Acrylonitrile	3.15	53	766867	228.331	ug/l	100
16) Acetone	2.45	43	855653	274.775	ug/l	97
17) Carbon Disulfide	2.57	76	596326	40.103	ug/l	99
18) Methyl Acetate	2.78	43	448671	48.999	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	872449	46.781	ug/l	99
20) Methylene Chloride	2.86	84	283318	43.999	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	272805	43.818	ug/l	97
22) Diisopropyl ether	3.87	45	831643	48.063	ug/l	98
23) Vinyl Acetate	3.82	43	3503998	247.573	ug/l	98
24) 1,1-Dichloroethane	3.70	63	484598	46.916	ug/l	97
25) 2-Butanone	4.70	43	1075841	245.612	ug/l	100
26) 2,2-Dichloropropane	4.59	77	355035	44.497	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	318030	46.299	ug/l	99
28) Bromochloromethane	5.02	49	208969	47.915	ug/l	97
29) Tetrahydrofuran	5.15	42	666539	231.038	ug/l	99
30) Chloroform	5.21	83	500990	46.837	ug/l	99
31) Cyclohexane	5.57	56	432815	46.124	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	424715	47.024	ug/l	99
36) 1,1-Dichloropropene	5.80	75	375350	48.426	ug/l	99
37) Ethyl Acetate	4.85	43	381838	47.331	ug/l	99
38) Carbon Tetrachloride	5.78	117	369702	49.079	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	498724	48.873	ug/l	100
40) Benzene	6.14	78	1125352	47.764	ug/l	99
41) Methacrylonitrile	5.06	41	215338	50.276	ug/l	98
42) 1,2-Dichloroethane	6.20	62	373434	46.514	ug/l	100
43) Isopropyl Acetate	6.46	43	612746	49.919	ug/l	98
44) Trichloroethene	7.21	130	331676	46.512	ug/l	98
45) 1,2-Dichloropropane	7.51	63	283548	49.455	ug/l	97
46) Dibromomethane	7.66	93	201004	47.662	ug/l	99
47) Bromodichloromethane	7.90	83	344118	49.149	ug/l	98
48) Methyl methacrylate	7.77	41	313983	50.301	ug/l	99
49) 1,4-Dioxane	7.75	88	147111	898.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1914475	245.127	ug/l	99
52) Toluene	8.78	92	725711	47.678	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379853	50.586	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	421309	51.134	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301871	48.452	ug/l	99
56) Ethyl methacrylate	9.18	69	435830	49.494	ug/l	97
57) 1,3-Dichloropropane	9.37	76	473068	47.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1290861	275.778	ug/l	99
59) 2-Hexanone	9.49	43	1508293	252.405	ug/l	99
60) Dibromochloromethane	9.58	129	300556	46.305	ug/l	98
61) 1,2-Dibromoethane	9.67	107	326556	49.307	ug/l	100
64) Tetrachloroethene	9.34	164	308252	46.637	ug/l	98
65) Chlorobenzene	10.14	112	843814	47.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	288342	52.335	ug/l	100
67) Ethyl Benzene	10.25	91	1406777	48.751	ug/l	100
68) m/p-Xylenes	10.36	106	1104217	96.976	ug/l	99
69) o-Xylene	10.69	106	540298	48.052	ug/l	98
70) Styrene	10.71	104	856799	48.166	ug/l	99
71) Bromoform	10.86	173	210241	42.991	ug/l	100
73) Isopropylbenzene	11.02	105	1451126	48.623	ug/l	99
74) N-amyl acetate	10.90	43	542878	50.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	432445	48.722	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	400636m	49.417	ug/l	
77) Bromobenzene	11.26	156	380137	47.114	ug/l	99
78) n-propylbenzene	11.36	91	1627599	49.524	ug/l	99
79) 2-Chlorotoluene	11.42	91	929934	46.692	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1195619	48.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110515	42.206	ug/l	96
82) 4-Chlorotoluene	11.51	91	1097416	48.037	ug/l	99
83) tert-Butylbenzene	11.77	119	1225611	49.817	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1220181	47.192	ug/l	99
85) sec-Butylbenzene	11.94	105	1492553	49.481	ug/l	100
86) p-Isopropyltoluene	12.06	119	1326035	50.010	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	699937	48.134	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	691970	46.419	ug/l	99
89) n-Butylbenzene	12.39	91	1165090	51.631	ug/l	99
90) Hexachloroethane	12.60	117	191417	46.382	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	670826	46.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	86624	47.168	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496090	49.440	ug/l	99
94) Hexachlorobutadiene	13.79	225	234042	49.485	ug/l	99
95) Naphthalene	13.83	128	1508613	47.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	490090	47.305	ug/l	98

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

