

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122718\
 Data File : VX006831.D
 Acq On : 27 Dec 2018 10:01
 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
 12/28/2018 10:27:56 AM

Quant Time: Dec 28 03:26:32 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	5.66	168	610449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	873509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	794262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	324503	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.50	113	304501	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
50) Toluene-d8	8.71	98	1104525	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	409526	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	262356	46.979	ug/l	99
3) Chloromethane	1.33	50	267188	44.409	ug/l	100
4) Vinyl Chloride	1.41	62	295759	47.068	ug/l	98
5) Bromomethane	1.64	94	258511	43.849	ug/l	98
6) Chloroethane	1.72	64	192111	44.154	ug/l	100
7) Trichlorofluoromethane	1.93	101	482782	49.280	ug/l	99
8) Diethyl Ether	2.19	74	186020	47.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	293448	51.015	ug/l	99
10) Methyl Iodide	2.51	142	381259	46.303	ug/l	100
11) Tert butyl alcohol	3.06	59	311481	212.139	ug/l	100
12) 1,1-Dichloroethene	2.37	96	260706	47.799	ug/l	99
13) Acrolein	2.29	56	267877	270.442	ug/l	99
14) Allyl chloride	2.73	41	451243	49.151	ug/l	100
15) Acrylonitrile	3.15	53	790118	242.363	ug/l	100
16) Acetone	2.45	43	877502	290.307	ug/l	99
17) Carbon Disulfide	2.57	76	614543	42.577	ug/l	99
18) Methyl Acetate	2.78	43	463870	52.190	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	939488	51.898	ug/l	99
20) Methylene Chloride	2.85	84	300988	48.155	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	279416	46.236	ug/l	97
22) Diisopropyl ether	3.87	45	919469	54.745	ug/l	97
23) Vinyl Acetate	3.82	43	3775402	274.811	ug/l	98
24) 1,1-Dichloroethane	3.70	63	512133	51.080	ug/l	99
25) 2-Butanone	4.70	43	1107325	260.439	ug/l	98
26) 2,2-Dichloropropane	4.58	77	402685	51.994	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	328584	49.281	ug/l	98
28) Bromochloromethane	5.02	49	229480	54.461	ug/l	97
29) Tetrahydrofuran	5.15	42	664276	237.212	ug/l	97
30) Chloroform	5.21	83	518948	49.982	ug/l	99
31) Cyclohexane	5.57	56	393676	43.221	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	447723	51.070	ug/l	99
36) 1,1-Dichloropropene	5.80	75	382019	52.804	ug/l	99
37) Ethyl Acetate	4.85	43	390455	51.853	ug/l	99
38) Carbon Tetrachloride	5.78	117	388622	55.273	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390565	41.006	ug/l	99
40) Benzene	6.14	78	1148967	52.247	ug/l	99
41) Methacrylonitrile	5.06	41	221808	55.482	ug/l	98
42) 1,2-Dichloroethane	6.20	62	392858	52.426	ug/l	99
43) Isopropyl Acetate	6.46	43	650275	56.757	ug/l	98
44) Trichloroethene	7.21	130	338348	50.834	ug/l	95
45) 1,2-Dichloropropane	7.51	63	291615	54.492	ug/l	98
46) Dibromomethane	7.66	93	204216	51.880	ug/l	96
47) Bromodichloromethane	7.90	83	372115	56.940	ug/l	98
48) Methyl methacrylate	7.77	41	332525	57.073	ug/l	98
49) 1,4-Dioxane	7.75	88	128825	841.931	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2024067	277.655	ug/l	100
52) Toluene	8.78	92	744981	52.437	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	424401	60.552	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	459684	59.773	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	315003	54.169	ug/l	98
56) Ethyl methacrylate	9.18	69	470156	57.203	ug/l	95
57) 1,3-Dichloropropane	9.37	76	503111	53.774	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1313847	300.721	ug/l	99
59) 2-Hexanone	9.49	43	1625066	291.355	ug/l	99
60) Dibromochloromethane	9.59	129	331242	54.255	ug/l	98
61) 1,2-Dibromoethane	9.67	107	333996	54.029	ug/l	99
64) Tetrachloroethene	9.34	164	310978	49.445	ug/l	96
65) Chlorobenzene	10.13	112	875051	52.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315706	60.220	ug/l	100
67) Ethyl Benzene	10.25	91	1420250	51.725	ug/l	99
68) m/p-Xylenes	10.36	106	1121730	103.531	ug/l	99
69) o-Xylene	10.69	106	555965	51.964	ug/l	98
70) Styrene	10.71	104	932217	55.074	ug/l	99
71) Bromoform	10.85	173	248517	52.325	ug/l	100
73) Isopropylbenzene	11.02	105	1383256	50.816	ug/l	99
74) N-amyl acetate	10.90	43	608934	62.497	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	457299	56.488	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	437745m	59.198	ug/l	
77) Bromobenzene	11.26	156	408467	55.504	ug/l	98
78) n-propylbenzene	11.36	91	1524252	50.850	ug/l	99
79) 2-Chlorotoluene	11.42	91	936919	51.577	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1098869	49.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	134035	54.726	ug/l	98
82) 4-Chlorotoluene	11.51	91	1110823	53.310	ug/l	99
83) tert-Butylbenzene	11.77	119	1082333	48.233	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1137291	48.225	ug/l	100
85) sec-Butylbenzene	11.94	105	1255331	45.628	ug/l	100
86) p-Isopropyltoluene	12.06	119	1128338	46.655	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	691958	52.171	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706028	51.927	ug/l	100
89) n-Butylbenzene	12.38	91	965919	46.930	ug/l	98
90) Hexachloroethane	12.60	117	168295	44.828	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	684458	51.588	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	90888	54.259	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	410344	44.836	ug/l	99
94) Hexachlorobutadiene	13.78	225	171947	39.860	ug/l	98
95) Naphthalene	13.83	128	1241343	42.497	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	389018	41.169	ug/l	99

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

