

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137870.D
 Acq On : 09 Dec 2019 23:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:38 AM

Quant Time: Dec 10 05:37:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	379494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	305269	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.49	113	261485	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	975953	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	355481	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282496	46.042	ug/l	98
3) Chloromethane	1.32	50	328884	47.771	ug/l	99
4) Vinyl Chloride	1.40	62	392840	50.697	ug/l	97
5) Bromomethane	1.63	94	257728	49.526	ug/l	98
6) Chloroethane	1.71	64	212095	48.100	ug/l	98
7) Trichlorofluoromethane	1.92	101	414979	48.229	ug/l	99
8) Diethyl Ether	2.18	74	200269	51.447	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252263	47.998	ug/l	98
10) Methyl Iodide	2.50	142	311816	49.046	ug/l	99
11) Tert butyl alcohol	3.03	59	357330	226.243	ug/l	100
12) 1,1-Dichloroethene	2.36	96	255190	48.645	ug/l	98
13) Acrolein	2.28	56	295132	278.706	ug/l	98
14) Allyl chloride	2.72	41	469397	49.305	ug/l	100
15) Acrylonitrile	3.13	53	845552	259.358	ug/l	100
16) Acetone	2.44	43	899638	284.775	ug/l	98
17) Carbon Disulfide	2.56	76	639956	42.793	ug/l	100
18) Methyl Acetate	2.76	43	491286	55.847	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	894668	51.480	ug/l	99
20) Methylene Chloride	2.84	84	300721	49.549	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	275429	48.194	ug/l	99
22) Diisopropyl ether	3.84	45	959842	52.360	ug/l	98
23) Vinyl Acetate	3.80	43	3557285	233.266	ug/l	99
24) 1,1-Dichloroethane	3.69	63	516086	51.499	ug/l	99
25) 2-Butanone	4.66	43	1253318	266.944	ug/l	100
26) 2,2-Dichloropropane	4.58	77	351261	42.365	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	328085	49.990	ug/l	97
28) Bromochloromethane	5.01	49	216780	54.741	ug/l	100
29) Tetrahydrofuran	5.11	42	755092	260.885	ug/l	99
30) Chloroform	5.20	83	506233	49.811	ug/l	98
31) Cyclohexane	5.57	56	444017	46.976	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	423645	49.882	ug/l	100
36) 1,1-Dichloropropene	5.79	75	368433	47.536	ug/l	99
37) Ethyl Acetate	4.82	43	444318	51.101	ug/l	99
38) Carbon Tetrachloride	5.78	117	356395	49.868	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	440034	45.930	ug/l	99
40) Benzene	6.14	78	1172511	49.671	ug/l	99
41) Methacrylonitrile	5.03	41	263074	55.169	ug/l	98
42) 1,2-Dichloroethane	6.18	62	404341	50.225	ug/l	99
43) Isopropyl Acetate	6.43	43	726392	50.745	ug/l	100
44) Trichloroethene	7.21	130	317042	48.937	ug/l	97
45) 1,2-Dichloropropane	7.51	63	306564	51.906	ug/l	99
46) Dibromomethane	7.65	93	195581	48.758	ug/l	98
47) Bromodichloromethane	7.89	83	391501	51.628	ug/l	100
48) Methyl methacrylate	7.76	41	365419	52.539	ug/l	99
49) 1,4-Dioxane	7.73	88	136416	876.240	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2371722	263.400	ug/l	99
52) Toluene	8.78	92	726663	49.551	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	424571	49.189	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	476074	50.485	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	311700	52.744	ug/l	99
56) Ethyl methacrylate	9.17	69	494090	52.003	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515534	50.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	943064	253.159	ug/l	100
59) 2-Hexanone	9.49	43	1833723	261.115	ug/l	99
60) Dibromochloromethane	9.58	129	319770	52.139	ug/l	100
61) 1,2-Dibromoethane	9.67	107	317215	50.258	ug/l	99
64) Tetrachloroethene	9.33	164	366966	63.837	ug/l	96
65) Chlorobenzene	10.14	112	791373	49.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	299072	52.040	ug/l	100
67) Ethyl Benzene	10.25	91	1386790	50.426	ug/l	98
68) m/p-Xylenes	10.35	106	1050548	99.775	ug/l	100
69) o-Xylene	10.70	106	514568	50.109	ug/l	98
70) Styrene	10.71	104	891054	51.583	ug/l	100
71) Bromoform	10.85	173	249721	52.516	ug/l	100
73) Isopropylbenzene	11.01	105	1356294	50.950	ug/l	100
74) N-amyl acetate	10.89	43	641018	52.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	478377	51.819	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	443675m	51.980	ug/l	
77) Bromobenzene	11.25	156	357421	49.701	ug/l	98
78) n-propylbenzene	11.35	91	1523246	51.260	ug/l	100
79) 2-Chlorotoluene	11.42	91	908038	50.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1127066	51.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	154082	49.387	ug/l	98
82) 4-Chlorotoluene	11.51	91	1039219	50.334	ug/l	99
83) tert-Butylbenzene	11.76	119	1069268	48.224	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1130968	51.076	ug/l	100
85) sec-Butylbenzene	11.94	105	1312187	51.811	ug/l	99
86) p-Isopropyltoluene	12.06	119	1203559	51.082	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	621785	49.600	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	621710	48.690	ug/l	100
89) n-Butylbenzene	12.39	91	1008229	50.172	ug/l	99
90) Hexachloroethane	12.59	117	215914	50.699	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	628591	50.750	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	104003	51.734	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	415559	48.141	ug/l	98
94) Hexachlorobutadiene	13.78	225	196834	47.468	ug/l	99
95) Naphthalene	13.83	128	1328157	51.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	430000	50.311	ug/l	100

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

