

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014109.D
 Acq On : 18 Dec 2019 20:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:51:12 AM

Quant Time: Dec 19 03:54:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	519759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	815066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	737264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292306	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.49	113	242330	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	932797	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	331056	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	217351	46.743	ug/l	100
3) Chloromethane	1.32	50	309146	49.541	ug/l	100
4) Vinyl Chloride	1.40	62	322104	48.918	ug/l	99
5) Bromomethane	1.63	94	218916	46.843	ug/l	99
6) Chloroethane	1.71	64	199421	49.071	ug/l	97
7) Trichlorofluoromethane	1.92	101	402349	49.361	ug/l	99
8) Diethyl Ether	2.18	74	185247	48.424	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	241094	49.068	ug/l	100
10) Methyl Iodide	2.50	142	339336	52.245	ug/l	98
11) Tert butyl alcohol	3.03	59	326643	256.622	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246159	49.234	ug/l	99
13) Acrolein	2.28	56	226460	310.805	ug/l	99
14) Allyl chloride	2.72	41	455718	51.050	ug/l	99
15) Acrylonitrile	3.13	53	794627	267.467	ug/l	99
16) Acetone	2.43	43	688020	179.905	ug/l	99
17) Carbon Disulfide	2.56	76	667592	48.125	ug/l	99
18) Methyl Acetate	2.76	43	403611	53.260	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	839606	51.104	ug/l	100
20) Methylene Chloride	2.85	84	289741	48.111	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	270090	49.034	ug/l	98
22) Diisopropyl ether	3.84	45	924175	51.952	ug/l	99
23) Vinyl Acetate	3.80	43	4039485	278.261	ug/l	100
24) 1,1-Dichloroethane	3.69	63	492395	49.751	ug/l	99
25) 2-Butanone	4.65	43	1114309	236.333	ug/l	98
26) 2,2-Dichloropropane	4.58	77	365407	47.552	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	311561	50.014	ug/l	98
28) Bromochloromethane	5.01	49	210539	55.265	ug/l	97
29) Tetrahydrofuran	5.11	42	721547	273.602	ug/l	98
30) Chloroform	5.20	83	475688	50.701	ug/l	99
31) Cyclohexane	5.58	56	445074	50.562	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	395255	49.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	359054	48.010	ug/l	100
37) Ethyl Acetate	4.82	43	437133	52.931	ug/l	99
38) Carbon Tetrachloride	5.78	117	339049	49.765	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	443113	47.985	ug/l	97
40) Benzene	6.14	78	1122919	48.799	ug/l	98
41) Methacrylonitrile	5.03	41	241656	52.737	ug/l	96
42) 1,2-Dichloroethane	6.19	62	385136	49.375	ug/l	99
43) Isopropyl Acetate	6.44	43	700223	51.233	ug/l	100
44) Trichloroethene	7.20	130	300094	47.215	ug/l	96
45) 1,2-Dichloropropane	7.51	63	293419	49.749	ug/l	99
46) Dibromomethane	7.65	93	186843	47.916	ug/l	99
47) Bromodichloromethane	7.89	83	369798	50.354	ug/l	98
48) Methyl methacrylate	7.76	41	345045	51.556	ug/l	99
49) 1,4-Dioxane	7.73	88	140063	1028.388	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2223569	259.053	ug/l	100
52) Toluene	8.78	92	705311	48.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	417914	51.897	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	461817	51.477	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	291648	50.031	ug/l	99
56) Ethyl methacrylate	9.17	69	469616	51.286	ug/l	100
57) 1,3-Dichloropropane	9.37	76	489552	49.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	914095	263.786	ug/l	100
59) 2-Hexanone	9.48	43	1698385	245.797	ug/l	99
60) Dibromochloromethane	9.57	129	301840	52.092	ug/l	99
61) 1,2-Dibromoethane	9.67	107	298696	50.081	ug/l	99
64) Tetrachloroethene	9.33	164	285065	43.696	ug/l	98
65) Chlorobenzene	10.14	112	748493	47.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	280263	50.072	ug/l	99
67) Ethyl Benzene	10.25	91	1327274	49.248	ug/l	99
68) m/p-Xylenes	10.36	106	1018895	98.295	ug/l	100
69) o-Xylene	10.70	106	493415	48.535	ug/l	99
70) Styrene	10.71	104	848544	49.361	ug/l	99
71) Bromoform	10.85	173	230509	51.233	ug/l	99
73) Isopropylbenzene	11.01	105	1307081	50.592	ug/l	99
74) N-amyl acetate	10.89	43	619408	51.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	450552	50.301	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	363048m	45.573	ug/l	
77) Bromobenzene	11.25	156	333351	46.896	ug/l	98
78) n-propylbenzene	11.35	91	1477197	50.974	ug/l	100
79) 2-Chlorotoluene	11.42	91	864455	49.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1086941	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	150647	53.375	ug/l	99
82) 4-Chlorotoluene	11.51	91	997540	48.818	ug/l	99
83) tert-Butylbenzene	11.76	119	1069237	50.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1083945	49.780	ug/l	100
85) sec-Butylbenzene	11.94	105	1252495	50.140	ug/l	100
86) p-Isopropyltoluene	12.06	119	1150049	50.330	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	593116	47.609	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588226	46.436	ug/l	100
89) n-Butylbenzene	12.39	91	990574	50.806	ug/l	100
90) Hexachloroethane	12.59	117	205982	50.187	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	589246	46.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94532	47.692	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389016	47.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	178702	45.617	ug/l	96
95) Naphthalene	13.83	128	1227171	51.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400883	49.821	ug/l	99

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

