

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013929.D
 Acq On : 11 Dec 2019 04:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:21 PM

Quant Time: Dec 11 06:08:42 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	547281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	848433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	780068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	406261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	300387	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.49	113	251704	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	937202	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.13	95	351507	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	264372	43.400	ug/l	98
3) Chloromethane	1.32	50	300505	43.965	ug/l	99
4) Vinyl Chloride	1.40	62	360705	46.887	ug/l	99
5) Bromomethane	1.63	94	223482	43.256	ug/l	98
6) Chloroethane	1.72	64	200155	45.721	ug/l	99
7) Trichlorofluoromethane	1.92	101	392563	45.954	ug/l	98
8) Diethyl Ether	2.18	74	186805	48.336	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	239813	45.960	ug/l	99
10) Methyl Iodide	2.50	142	291534	46.188	ug/l	100
11) Tert butyl alcohol	3.03	59	335593	214.019	ug/l	99
12) 1,1-Dichloroethene	2.36	96	236497	45.408	ug/l	98
13) Acrolein	2.28	56	239224	228.647	ug/l	99
14) Allyl chloride	2.72	41	424334	44.895	ug/l	99
15) Acrylonitrile	3.13	53	788749	243.687	ug/l	100
16) Acetone	2.43	43	761909	242.924	ug/l	99
17) Carbon Disulfide	2.56	76	587704	39.583	ug/l	99
18) Methyl Acetate	2.76	43	466731	53.440	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	841197	48.754	ug/l	98
20) Methylene Chloride	2.85	84	284459	47.209	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	259673	45.766	ug/l	94
22) Diisopropyl ether	3.84	45	909010	49.946	ug/l	98
23) Vinyl Acetate	3.80	43	3164366	209.003	ug/l	99
24) 1,1-Dichloroethane	3.69	63	492261	49.478	ug/l	98
25) 2-Butanone	4.66	43	1130266	242.479	ug/l	100
26) 2,2-Dichloropropane	4.57	77	270640	32.878	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	304457	46.725	ug/l	98
28) Bromochloromethane	5.01	49	207258	52.715	ug/l	98
29) Tetrahydrofuran	5.11	42	706835	245.980	ug/l	99
30) Chloroform	5.20	83	478544	47.427	ug/l	96
31) Cyclohexane	5.57	56	419640	44.718	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	397791	47.177	ug/l	99
36) 1,1-Dichloropropene	5.79	75	345879	44.910	ug/l	99
37) Ethyl Acetate	4.82	43	418338	48.418	ug/l	100
38) Carbon Tetrachloride	5.78	117	333035	46.896	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	409768	43.043	ug/l	99
40) Benzene	6.14	78	1092459	46.574	ug/l	99
41) Methacrylonitrile	5.03	41	242112	51.096	ug/l	99
42) 1,2-Dichloroethane	6.19	62	379356	47.421	ug/l	100
43) Isopropyl Acetate	6.43	43	675594	47.496	ug/l	100
44) Trichloroethene	7.21	130	304659	47.325	ug/l	97
45) 1,2-Dichloropropane	7.51	63	288971	49.239	ug/l	100
46) Dibromomethane	7.65	93	189085	47.438	ug/l	97
47) Bromodichloromethane	7.89	83	373041	49.506	ug/l	98
48) Methyl methacrylate	7.76	41	342573	49.568	ug/l	100
49) 1,4-Dioxane	7.73	88	127248	822.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2236649	249.977	ug/l	99
52) Toluene	8.78	92	685512	47.042	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	382773	44.628	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	430958	45.991	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	290291	49.434	ug/l	96
56) Ethyl methacrylate	9.17	69	465379	49.292	ug/l	100
57) 1,3-Dichloropropane	9.37	76	484207	47.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	871571	235.454	ug/l	100
59) 2-Hexanone	9.48	43	1684582	241.402	ug/l	99
60) Dibromochloromethane	9.57	129	299535	49.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	298972	47.669	ug/l	100
64) Tetrachloroethene	9.33	164	390307	67.094	ug/l	99
65) Chlorobenzene	10.14	112	745985	46.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	279221	48.011	ug/l	99
67) Ethyl Benzene	10.25	91	1319849	47.424	ug/l	98
68) m/p-Xylenes	10.36	106	999146	93.771	ug/l	100
69) o-Xylene	10.70	106	485208	46.691	ug/l	99
70) Styrene	10.71	104	839919	48.048	ug/l	99
71) Bromoform	10.85	173	227849	47.349	ug/l	# 100
73) Isopropylbenzene	11.01	105	1282944	45.019	ug/l	100
74) N-amyl acetate	10.89	43	594932	45.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	444026	44.929	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	426423m	46.667	ug/l	
77) Bromobenzene	11.25	156	341074	44.303	ug/l	98
78) n-propylbenzene	11.35	91	1456848	45.795	ug/l	100
79) 2-Chlorotoluene	11.42	91	870701	45.627	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1065849	45.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133419	39.946	ug/l	99
82) 4-Chlorotoluene	11.51	91	999063	45.201	ug/l	100
83) tert-Butylbenzene	11.76	119	958100	40.363	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1080605	45.587	ug/l	99
85) sec-Butylbenzene	11.94	105	1246090	45.959	ug/l	100
86) p-Isopropyltoluene	12.06	119	1162968	46.107	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	596888	44.477	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	600452	43.927	ug/l	99
89) n-Butylbenzene	12.39	91	1000335	46.500	ug/l	100
90) Hexachloroethane	12.59	117	200537	43.986	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	601432	45.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	98530	45.782	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	415849	45.000	ug/l	99
94) Hexachlorobutadiene	13.78	225	192410	43.343	ug/l	99
95) Naphthalene	13.83	128	1285953	46.728	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	414976	45.354	ug/l	99

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

