

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014161.D
 Acq On : 20 Dec 2019 08:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/20/2019 5:27:02 PM

Quant Time: Dec 20 14:03:36 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	510081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	814611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	731644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	306948	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	5.49	113	253388	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	973610	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	344574	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	203554	44.606	ug/l	99
3) Chloromethane	1.32	50	278625	45.497	ug/l	100
4) Vinyl Chloride	1.40	62	305401	47.261	ug/l	99
5) Bromomethane	1.63	94	167721	36.569	ug/l	100
6) Chloroethane	1.72	64	199427	50.004	ug/l	92
7) Trichlorofluoromethane	1.92	101	393698	49.216	ug/l	99
8) Diethyl Ether	2.18	74	183749	48.944	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	224502	46.558	ug/l	99
10) Methyl Iodide	2.50	142	237267	37.977	ug/l	99
11) Tert butyl alcohol	3.03	59	309520	247.783	ug/l	99
12) 1,1-Dichloroethene	2.36	96	240405	48.996	ug/l	98
13) Acrolein	2.28	56	171887	240.383	ug/l	99
14) Allyl chloride	2.72	41	420515	48.000	ug/l	100
15) Acrylonitrile	3.13	53	748112	256.588	ug/l	99
16) Acetone	2.43	43	641415	170.901	ug/l	98
17) Carbon Disulfide	2.56	76	628340	46.186	ug/l	99
18) Methyl Acetate	2.76	43	388848	52.285	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	838425	52.000	ug/l	97
20) Methylene Chloride	2.85	84	281410	47.614	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	260921	48.269	ug/l	99
22) Diisopropyl ether	3.84	45	905567	51.872	ug/l	96
23) Vinyl Acetate	3.80	43	3406222	239.090	ug/l	100
24) 1,1-Dichloroethane	3.69	63	482450	49.671	ug/l	99
25) 2-Butanone	4.65	43	1057923	228.632	ug/l	100
26) 2,2-Dichloropropane	4.58	77	253388	33.600	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	305122	49.910	ug/l	96
28) Bromochloromethane	5.00	49	195904	52.423	ug/l	100
29) Tetrahydrofuran	5.11	42	678292	262.080	ug/l	99
30) Chloroform	5.20	83	474566	51.541	ug/l	96
31) Cyclohexane	5.57	56	422214	48.875	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	397255	50.623	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351184	46.984	ug/l	99
37) Ethyl Acetate	4.82	43	416011	50.401	ug/l	100
38) Carbon Tetrachloride	5.78	117	333675	49.004	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	402557	43.618	ug/l	99
40) Benzene	6.14	78	1109174	48.229	ug/l	99
41) Methacrylonitrile	5.03	41	229803	50.178	ug/l	98
42) 1,2-Dichloroethane	6.18	62	379049	48.622	ug/l	99
43) Isopropyl Acetate	6.43	43	688943	50.436	ug/l	100
44) Trichloroethene	7.21	130	301125	47.404	ug/l	97
45) 1,2-Dichloropropane	7.51	63	289220	49.065	ug/l	98
46) Dibromomethane	7.65	93	184427	47.322	ug/l	98
47) Bromodichloromethane	7.89	83	368923	50.263	ug/l	96
48) Methyl methacrylate	7.76	41	336980	50.379	ug/l	99
49) 1,4-Dioxane	7.73	88	142700	1048.335	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2124385	247.636	ug/l	100
52) Toluene	8.78	92	688435	47.359	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	383616	47.665	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	432720	48.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283637	48.684	ug/l	99
56) Ethyl methacrylate	9.17	69	465888	50.907	ug/l	99
57) 1,3-Dichloropropane	9.37	76	482583	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	908976	262.455	ug/l	99
59) 2-Hexanone	9.48	43	1608514	232.920	ug/l	100
60) Dibromochloromethane	9.57	129	296462	51.192	ug/l	100
61) 1,2-Dibromoethane	9.67	107	298295	50.041	ug/l	100
64) Tetrachloroethene	9.33	164	372425	57.525	ug/l	97
65) Chlorobenzene	10.14	112	750248	48.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	279328	50.288	ug/l	99
67) Ethyl Benzene	10.25	91	1310083	48.984	ug/l	100
68) m/p-Xylenes	10.35	106	995442	96.770	ug/l	100
69) o-Xylene	10.70	106	488367	48.408	ug/l	99
70) Styrene	10.71	104	832922	48.824	ug/l	99
71) Bromoform	10.85	173	228457	51.167	ug/l	99
73) Isopropylbenzene	11.01	105	1280054	50.074	ug/l	100
74) N-amyl acetate	10.89	43	605714	50.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	427777	48.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	405025m	51.384	ug/l	
77) Bromobenzene	11.25	156	337361	47.965	ug/l	98
78) n-propylbenzene	11.35	91	1431911	49.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	846924	48.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1059483	49.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124748	44.670	ug/l	98
82) 4-Chlorotoluene	11.51	91	973784	48.163	ug/l	100
83) tert-Butylbenzene	11.76	119	967966	46.232	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1072279	49.769	ug/l	100
85) sec-Butylbenzene	11.94	105	1217892	49.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	1111962	49.182	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	585643	47.510	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	583816	46.579	ug/l	100
89) n-Butylbenzene	12.38	91	921900	47.788	ug/l	99
90) Hexachloroethane	12.59	117	197715	48.686	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	594082	47.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94574	48.221	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	392481	48.663	ug/l	99
94) Hexachlorobutadiene	13.77	225	177090	45.687	ug/l	99
95) Naphthalene	13.83	128	1274013	53.764	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	390290	49.021	ug/l	98

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

