

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013300.D
 Acq On : 01 Nov 2019 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 1:30:06 PM

Quant Time: Nov 04 00:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	747891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1098806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	995133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	524005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	416685	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.48	113	333913	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.71	98	1280066	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	461328	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	463275	53.762	ug/l	98
3) Chloromethane	1.31	50	484978	51.898	ug/l	99
4) Vinyl Chloride	1.40	62	570587	53.633	ug/l	99
5) Bromomethane	1.62	94	366456	49.429	ug/l	99
6) Chloroethane	1.71	64	303645	49.928	ug/l	99
7) Trichlorofluoromethane	1.92	101	625408	49.758	ug/l	99
8) Diethyl Ether	2.17	74	273884	49.276	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	366906	52.374	ug/l	99
10) Methyl Iodide	2.50	142	442621	51.032	ug/l	100
11) Tert butyl alcohol	3.03	59	481074	206.000	ug/l	99
12) 1,1-Dichloroethene	2.36	96	352950	51.448	ug/l	99
13) Acrolein	2.28	56	291782	230.535	ug/l	98
14) Allyl chloride	2.72	41	639557	51.309	ug/l	99
15) Acrylonitrile	3.12	53	1051667	241.083	ug/l	100
16) Acetone	2.43	43	1170890	264.943	ug/l	97
17) Carbon Disulfide	2.56	76	969038	52.774	ug/l	99
18) Methyl Acetate	2.76	43	581957	47.698	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1181515	51.637	ug/l	98
20) Methylene Chloride	2.84	84	389169	47.661	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	378044	50.611	ug/l	96
22) Diisopropyl ether	3.84	45	1257362	52.249	ug/l	96
23) Vinyl Acetate	3.79	43	5319804	258.341	ug/l	99
24) 1,1-Dichloroethane	3.69	63	677154	50.301	ug/l	99
25) 2-Butanone	4.65	43	1621271	250.068	ug/l	98
26) 2,2-Dichloropropane	4.57	77	579938	54.152	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	426172	50.932	ug/l	98
28) Bromochloromethane	5.00	49	197382	51.639	ug/l	97
29) Tetrahydrofuran	5.11	42	968466	242.402	ug/l	99
30) Chloroform	5.19	83	677015	50.930	ug/l	95
31) Cyclohexane	5.56	56	626747	51.739	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	592402	51.784	ug/l	99
36) 1,1-Dichloropropene	5.78	75	525107	55.706	ug/l	99
37) Ethyl Acetate	4.81	43	576698	49.511	ug/l	99
38) Carbon Tetrachloride	5.77	117	516529	56.036	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	654635	55.735	ug/l	99
40) Benzene	6.13	78	1532905	52.205	ug/l	100
41) Methacrylonitrile	5.02	41	327862	50.219	ug/l	99
42) 1,2-Dichloroethane	6.18	62	557912	52.676	ug/l	100
43) Isopropyl Acetate	6.43	43	959777	52.916	ug/l	100
44) Trichloroethene	7.20	130	424581	52.530	ug/l	99
45) 1,2-Dichloropropane	7.50	63	395936	52.922	ug/l	99
46) Dibromomethane	7.65	93	265711	52.016	ug/l	99
47) Bromodichloromethane	7.89	83	536141	55.659	ug/l	92
48) Methyl methacrylate	7.76	41	482288	53.268	ug/l	98
49) 1,4-Dioxane	7.73	88	195879	944.696	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	3008244	252.794	ug/l	99
52) Toluene	8.78	92	987734	54.274	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	609500	57.865	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	653979	55.504	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	398406	52.816	ug/l	98
56) Ethyl methacrylate	9.17	69	638695	49.609	ug/l	100
57) 1,3-Dichloropropane	9.36	76	673610	52.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1444658	280.096	ug/l	100
59) 2-Hexanone	9.48	43	2451283	266.559	ug/l	99
60) Dibromochloromethane	9.57	129	435572	56.460	ug/l	99
61) 1,2-Dibromoethane	9.67	107	426339	53.226	ug/l	99
64) Tetrachloroethene	9.33	164	381979	53.620	ug/l	99
65) Chlorobenzene	10.14	112	1063455	52.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	399548	54.012	ug/l	99
67) Ethyl Benzene	10.25	91	1907663	54.863	ug/l	100
68) m/p-Xylenes	10.35	106	1460078	111.030	ug/l	99
69) o-Xylene	10.70	106	700271	54.392	ug/l	99
70) Styrene	10.71	104	1205370	56.008	ug/l	99
71) Bromoform	10.85	173	339190	49.488	ug/l #	99
73) Isopropylbenzene	11.01	105	1881129	54.145	ug/l	100
74) N-amyl acetate	10.89	43	880473	54.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	633990	50.021	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	514774m	48.366	ug/l	
77) Bromobenzene	11.25	156	493148	53.245	ug/l	98
78) n-propylbenzene	11.35	91	2180881	56.352	ug/l	99
79) 2-Chlorotoluene	11.42	91	1263741	54.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1603887	55.424	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	222194	53.736	ug/l	97
82) 4-Chlorotoluene	11.51	91	1486947	54.477	ug/l	100
83) tert-Butylbenzene	11.76	119	1609470	55.250	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1608085	55.395	ug/l	99
85) sec-Butylbenzene	11.94	105	1881102	56.186	ug/l	100
86) p-Isopropyltoluene	12.06	119	1762967	57.185	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	887240	53.741	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	893311	53.108	ug/l	99
89) n-Butylbenzene	12.38	91	1567902	58.285	ug/l	100
90) Hexachloroethane	12.59	117	310343	56.500	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	873290	52.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	146738	47.520	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	645686	56.091	ug/l	99
94) Hexachlorobutadiene	13.77	225	317673	56.407	ug/l	100
95) Naphthalene	13.83	128	2024674	56.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	638756	55.330	ug/l	99

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

