

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014596.D
 Acq On : 14 Jan 2020 09:38
 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
 1/15/2020 10:23:56 AM

Quant Time: Jan 15 00:23:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	674250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	614138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320890	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	251754	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.48	113	209387	51.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	801831	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	284806	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310439	54.562	ug/l	97
3) Chloromethane	1.32	50	308248	52.790	ug/l	100
4) Vinyl Chloride	1.40	62	357729	54.979	ug/l	99
5) Bromomethane	1.63	94	210580	48.824	ug/l	100
6) Chloroethane	1.72	64	198546	56.157	ug/l	99
7) Trichlorofluoromethane	1.92	101	389306	52.745	ug/l	98
8) Diethyl Ether	2.18	74	168892	50.156	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	238094	53.022	ug/l	99
10) Methyl Iodide	2.50	142	313182	58.245	ug/l	99
11) Tert butyl alcohol	3.02	59	250429	234.541	ug/l	99
12) 1,1-Dichloroethene	2.36	96	231556	51.181	ug/l	99
13) Acrolein	2.28	56	190101	222.127	ug/l	100
14) Allyl chloride	2.72	41	417596	52.573	ug/l	99
15) Acrylonitrile	3.12	53	665774	258.350	ug/l	99
16) Acetone	2.43	43	746460	291.827	ug/l	98
17) Carbon Disulfide	2.56	76	617741	48.935	ug/l	99
18) Methyl Acetate	2.76	43	403228	54.862	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	767029	52.813	ug/l	100
20) Methylene Chloride	2.84	84	262667	51.059	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	249830	50.581	ug/l	98
22) Diisopropyl ether	3.84	45	844886	55.040	ug/l	99
23) Vinyl Acetate	3.80	43	3295428	277.289	ug/l	99
24) 1,1-Dichloroethane	3.69	63	451486	54.067	ug/l	99
25) 2-Butanone	4.65	43	1026676	268.775	ug/l	99
26) 2,2-Dichloropropane	4.57	77	372701	52.687	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	283729	51.386	ug/l	99
28) Bromochloromethane	5.00	49	177673	50.494	ug/l	96
29) Tetrahydrofuran	5.11	42	593842	262.944	ug/l	98
30) Chloroform	5.19	83	442170	54.188	ug/l	96
31) Cyclohexane	5.57	56	430035	55.018	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	377558	54.055	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342992	54.094	ug/l	98
37) Ethyl Acetate	4.81	43	353315	51.299	ug/l	99
38) Carbon Tetrachloride	5.77	117	324744	55.655	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	439237	55.138	ug/l	98
40) Benzene	6.13	78	1029562	54.708	ug/l	98
41) Methacrylonitrile	5.02	41	203771	55.481	ug/l	98
42) 1,2-Dichloroethane	6.18	62	352463	53.566	ug/l	100
43) Isopropyl Acetate	6.43	43	594603	53.443	ug/l	99
44) Trichloroethene	7.20	130	288213	53.292	ug/l	98
45) 1,2-Dichloropropane	7.50	63	270490	56.376	ug/l	98
46) Dibromomethane	7.65	93	171688	51.269	ug/l	98
47) Bromodichloromethane	7.89	83	347149	56.971	ug/l	98
48) Methyl methacrylate	7.76	41	298180	55.957	ug/l	99
49) 1,4-Dioxane	7.73	88	111498	987.488	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1851780	273.130	ug/l	99
52) Toluene	8.78	92	651634	54.092	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	383274	54.027	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	426804	55.694	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	263906	54.540	ug/l	98
56) Ethyl methacrylate	9.17	69	414292	55.886	ug/l	99
57) 1,3-Dichloropropane	9.36	76	440970	54.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	758759	300.828	ug/l	99
59) 2-Hexanone	9.48	43	1513256	282.086	ug/l	99
60) Dibromochloromethane	9.57	129	279541	57.477	ug/l	99
61) 1,2-Dibromoethane	9.67	107	270358	52.746	ug/l	100
64) Tetrachloroethene	9.33	164	310801	50.495	ug/l	99
65) Chlorobenzene	10.13	112	704986	52.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	257986	54.241	ug/l	98
67) Ethyl Benzene	10.25	91	1243960	54.760	ug/l	99
68) m/p-Xylenes	10.35	106	955283	109.002	ug/l	97
69) o-Xylene	10.69	106	458987	54.891	ug/l	99
70) Styrene	10.70	104	801020	55.509	ug/l	99
71) Bromoform	10.85	173	212020	54.483	ug/l	100
73) Isopropylbenzene	11.01	105	1230428	54.605	ug/l	100
74) N-amyl acetate	10.89	43	524561	52.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	386428	53.475	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	335550m	50.540	ug/l	
77) Bromobenzene	11.25	156	318531	50.973	ug/l	100
78) n-propylbenzene	11.35	91	1436834	55.678	ug/l	99
79) 2-Chlorotoluene	11.42	91	818416	53.212	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1028237	54.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133720	53.248	ug/l	96
82) 4-Chlorotoluene	11.50	91	967909	53.613	ug/l	98
83) tert-Butylbenzene	11.76	119	969494	54.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1040334	55.033	ug/l	100
85) sec-Butylbenzene	11.94	105	1219078	55.477	ug/l	99
86) p-Isopropyltoluene	12.06	119	1130663	55.448	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	574197	51.200	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	574815	54.611	ug/l	99
89) n-Butylbenzene	12.38	91	1005041	53.906	ug/l	100
90) Hexachloroethane	12.59	117	196191	54.774	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	569902	51.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82456	50.727	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	404350	52.440	ug/l	100
94) Hexachlorobutadiene	13.78	225	202035	55.931	ug/l	99
95) Naphthalene	13.83	128	1161380	48.521	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398729	52.699	ug/l	99

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

