

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010401.D
 Acq On : 24 Jun 2019 10:02
 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
 6/25/2019 9:01:15 AM

Quant Time: Jun 25 03:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	304007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	436648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130939	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
35) Dibromofluoromethane	5.49	113	129575	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	487876	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.13	95	178917	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99441	47.050	ug/l	99
3) Chloromethane	1.33	50	109201	44.371	ug/l	100
4) Vinyl Chloride	1.41	62	118527	43.970	ug/l	99
5) Bromomethane	1.64	94	53900	41.043	ug/l	99
6) Chloroethane	1.71	64	73924	46.482	ug/l	98
7) Trichlorofluoromethane	1.93	101	202331	47.349	ug/l	100
8) Diethyl Ether	2.19	74	72487	47.302	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123473	47.680	ug/l	98
10) Methyl Iodide	2.51	142	151009	40.861	ug/l	99
11) Tert butyl alcohol	3.05	59	152183	204.040	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120975	45.910	ug/l	99
13) Acrolein	2.29	56	98164	198.400	ug/l	100
14) Allyl chloride	2.73	41	180704	48.303	ug/l	100
15) Acrylonitrile	3.14	53	343062	232.317	ug/l	100
16) Acetone	2.44	43	391908	274.346	ug/l	100
17) Carbon Disulfide	2.57	76	321890	45.532	ug/l	100
18) Methyl Acetate	2.77	43	132279	46.461	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	393964	47.525	ug/l	97
20) Methylene Chloride	2.85	84	137044	46.617	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	131084	46.253	ug/l	99
22) Diisopropyl ether	3.85	45	369443	47.233	ug/l	90
23) Vinyl Acetate	3.81	43	1656607	245.167	ug/l	100
24) 1,1-Dichloroethane	3.69	63	214523	47.448	ug/l	100
25) 2-Butanone	4.67	43	531020	253.415	ug/l	97
26) 2,2-Dichloropropane	4.58	77	194872	49.617	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154252	47.100	ug/l	99
28) Bromochloromethane	5.01	49	95211	44.045	ug/l	99
29) Tetrahydrofuran	5.12	42	294341	226.776	ug/l	100
30) Chloroform	5.21	83	230420	47.367	ug/l	100
31) Cyclohexane	5.57	56	196272	47.671	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	207218	48.242	ug/l	100
36) 1,1-Dichloropropene	5.79	75	169198	48.762	ug/l	100
37) Ethyl Acetate	4.83	43	175497	49.164	ug/l	98
38) Carbon Tetrachloride	5.78	117	193166	51.410	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231105	50.670	ug/l	98
40) Benzene	6.14	78	528808	48.917	ug/l	99
41) Methacrylonitrile	5.04	41	93862	47.923	ug/l	99
42) 1,2-Dichloroethane	6.19	62	166966	50.740	ug/l	99
43) Isopropyl Acetate	6.44	43	293804	49.748	ug/l	99
44) Trichloroethene	7.21	130	160151	49.510	ug/l	100
45) 1,2-Dichloropropane	7.51	63	130845	47.931	ug/l	99
46) Dibromomethane	7.66	93	95902	48.964	ug/l	99
47) Bromodichloromethane	7.90	83	183018	50.988	ug/l	99
48) Methyl methacrylate	7.76	41	138172	50.333	ug/l	99
49) 1,4-Dioxane	7.73	88	71757	907.391	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	922528	244.237	ug/l	99
52) Toluene	8.78	92	351231	49.338	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209500	52.059	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	224989	51.447	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146622	49.939	ug/l	98
56) Ethyl methacrylate	9.18	69	223123	50.167	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225302	49.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	511120	241.973	ug/l	99
59) 2-Hexanone	9.49	43	761955	256.310	ug/l	100
60) Dibromochloromethane	9.58	129	169728	51.631	ug/l	100
61) 1,2-Dibromoethane	9.67	107	156908	49.512	ug/l	99
64) Tetrachloroethene	9.34	164	158434	49.791	ug/l	98
65) Chlorobenzene	10.13	112	401578	50.280	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	151318	52.013	ug/l	99
67) Ethyl Benzene	10.25	91	687108	50.959	ug/l	100
68) m/p-Xylenes	10.35	106	532212	101.868	ug/l	100
69) o-Xylene	10.69	106	258757	50.363	ug/l	100
70) Styrene	10.71	104	445016	51.648	ug/l	99
71) Bromoform	10.85	173	140313	55.461	ug/l #	100
73) Isopropylbenzene	11.02	105	698688	50.004	ug/l	98
74) N-amyl acetate	10.90	43	264834	50.153	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223346	48.266	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189113m	50.348	ug/l	
77) Bromobenzene	11.25	156	190323	48.781	ug/l	99
78) n-propylbenzene	11.36	91	782153	50.933	ug/l	100
79) 2-Chlorotoluene	11.42	91	454647	49.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	584727	50.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81752	50.775	ug/l	98
82) 4-Chlorotoluene	11.51	91	526999	50.647	ug/l	99
83) tert-Butylbenzene	11.77	119	581334	50.283	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	590211	51.000	ug/l	98
85) sec-Butylbenzene	11.94	105	699310	51.517	ug/l	100
86) p-Isopropyltoluene	12.06	119	646271	51.471	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340096	49.938	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337569	48.688	ug/l	100
89) n-Butylbenzene	12.38	91	565527	53.004	ug/l	100
90) Hexachloroethane	12.59	117	120000	55.272	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	329164	48.630	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47353	47.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239136	50.945	ug/l	100
94) Hexachlorobutadiene	13.78	225	117790	51.344	ug/l	98
95) Naphthalene	13.83	128	725226	50.276	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	241322	51.708	ug/l	100

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

