

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016743.D
 Acq On : 12 Jun 2020 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:07 AM

Quant Time: Jun 13 06:38:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	328203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	135121	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	112178	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	8.70	98	412560	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	164257	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96914	43.099	ug/l	97
3) Chloromethane	1.31	50	101834	37.475	ug/l	100
4) Vinyl Chloride	1.39	62	122966	42.789	ug/l	100
5) Bromomethane	1.62	94	66974	47.932	ug/l	99
6) Chloroethane	1.70	64	79901	47.664	ug/l	98
7) Trichlorofluoromethane	1.91	101	207430	54.962	ug/l	97
8) Diethyl Ether	2.17	74	78107	49.633	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111586	53.722	ug/l	96
10) Methyl Iodide	2.49	142	112477	45.610	ug/l	99
11) Tert butyl alcohol	3.03	59	169489	232.924	ug/l	100
12) 1,1-Dichloroethene	2.35	96	110845	50.415	ug/l	98
13) Acrolein	2.27	56	80144	258.916	ug/l	98
14) Allyl chloride	2.70	41	174266	43.099	ug/l	96
15) Acrylonitrile	3.12	53	356790	239.366	ug/l	99
16) Acetone	2.42	43	300352	241.589	ug/l	99
17) Carbon Disulfide	2.54	76	274546	42.049	ug/l	98
18) Methyl Acetate	2.75	43	176385	55.316	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	405327	51.340	ug/l	96
20) Methylene Chloride	2.83	84	124204	48.287	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	118111	48.567	ug/l	91
22) Diisopropyl ether	3.82	45	349193	44.955	ug/l	96
23) Vinyl Acetate	3.78	43	1502925	221.053	ug/l	97
24) 1,1-Dichloroethane	3.67	63	210015	47.904	ug/l	100
25) 2-Butanone	4.64	43	479682	227.703	ug/l	96
26) 2,2-Dichloropropane	4.54	77	168392	46.939	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	137622	48.916	ug/l	96
28) Bromochloromethane	4.98	49	83202	40.839	ug/l	# 82
29) Tetrahydrofuran	5.09	42	308660	226.794	ug/l	93
30) Chloroform	5.18	83	228348	51.692	ug/l	98
31) Cyclohexane	5.55	56	168224	42.652	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212042	53.020	ug/l	98
36) 1,1-Dichloropropene	5.77	75	160955	49.564	ug/l	97
37) Ethyl Acetate	4.79	43	174486	44.754	ug/l	97
38) Carbon Tetrachloride	5.75	117	191415	56.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	175299	49.698	ug/l	99
40) Benzene	6.11	78	484622	50.112	ug/l	98
41) Methacrylonitrile	5.01	41	97276	45.423	ug/l	95
42) 1,2-Dichloroethane	6.16	62	178412	51.877	ug/l	100
43) Isopropyl Acetate	6.41	43	282538	46.459	ug/l	96
44) Trichloroethene	7.19	130	148419	48.372	ug/l	95
45) 1,2-Dichloropropane	7.49	63	122279	49.668	ug/l	99
46) Dibromomethane	7.64	93	87458	52.889	ug/l	96
47) Bromodichloromethane	7.88	83	188603	55.084	ug/l	100
48) Methyl methacrylate	7.74	41	138749	47.650	ug/l	94
49) 1,4-Dioxane	7.71	88	63483	931.606	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	924833	244.232	ug/l	97
52) Toluene	8.77	92	318820	52.280	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	206798	53.115	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	213542	51.818	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	133729	55.153	ug/l	96
56) Ethyl methacrylate	9.16	69	205845	52.127	ug/l	96
57) 1,3-Dichloropropane	9.35	76	219628	52.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	488990	237.239	ug/l	95
59) 2-Hexanone	9.48	43	720883	244.803	ug/l	97
60) Dibromochloromethane	9.57	129	160390	58.780	ug/l	100
61) 1,2-Dibromoethane	9.65	107	145363	55.985	ug/l	98
64) Tetrachloroethene	9.32	164	152252	41.464	ug/l	96
65) Chlorobenzene	10.12	112	354446	52.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	143827	56.310	ug/l	98
67) Ethyl Benzene	10.24	91	613407	51.490	ug/l	100
68) m/p-Xylenes	10.34	106	469251	106.237	ug/l	99
69) o-Xylene	10.68	106	229136	53.565	ug/l	97
70) Styrene	10.70	104	409050	55.632	ug/l	99
71) Bromoform	10.84	173	130412	60.414	ug/l	98
73) Isopropylbenzene	11.00	105	614309	50.053	ug/l	99
74) N-amyl acetate	10.88	43	234745	41.583	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	187774	61.047	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	190619m	48.959	ug/l	
77) Bromobenzene	11.24	156	163183	50.694	ug/l	94
78) n-propylbenzene	11.34	91	683007	49.812	ug/l	99
79) 2-Chlorotoluene	11.40	91	415905	49.693	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	526524	51.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	70589	44.598	ug/l	98
82) 4-Chlorotoluene	11.49	91	494091	49.991	ug/l	98
83) tert-Butylbenzene	11.76	119	495747	56.616	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	535136	51.635	ug/l	99
85) sec-Butylbenzene	11.93	105	576014	52.439	ug/l	99
86) p-Isopropyltoluene	12.05	119	556119	54.047	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	295460	52.980	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	290007	50.845	ug/l	97
89) n-Butylbenzene	12.37	91	457194	53.345	ug/l	99
90) Hexachloroethane	12.58	117	98800	55.590	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	287319	53.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51226	51.416	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205668	57.315	ug/l	97
94) Hexachlorobutadiene	13.77	225	84919	60.274	ug/l	97
95) Naphthalene	13.82	128	661051	53.738	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	202981	57.738	ug/l	98

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

