

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016719.D
 Acq On : 12 Jun 2020 11:23
 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
 6/15/2020 11:09:55 AM

Quant Time: Jun 13 04:41:49 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	5.62	168	238344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	337961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	320423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	136230	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.46	113	112672	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	8.70	98	422406	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.12	95	165082	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	95668	40.787	ug/l	99
3) Chloromethane	1.31	50	104431	36.843	ug/l	99
4) Vinyl Chloride	1.39	62	121342	40.480	ug/l	100
5) Bromomethane	1.62	94	65378	44.857	ug/l	98
6) Chloroethane	1.70	64	79608	45.527	ug/l	97
7) Trichlorofluoromethane	1.91	101	202325	51.395	ug/l	98
8) Diethyl Ether	2.17	74	76197	46.419	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114179	52.699	ug/l	96
10) Methyl Iodide	2.48	142	115567	44.973	ug/l	99
11) Tert butyl alcohol	3.02	59	158234	208.472	ug/l	99
12) 1,1-Dichloroethene	2.35	96	109577	47.780	ug/l	99
13) Acrolein	2.27	56	58305	180.580	ug/l	99
14) Allyl chloride	2.70	41	172641	40.933	ug/l	95
15) Acrylonitrile	3.11	53	327696	210.764	ug/l	100
16) Acetone	2.42	43	296951	228.986	ug/l	99
17) Carbon Disulfide	2.54	76	272383	39.995	ug/l	98
18) Methyl Acetate	2.75	43	152203	45.761	ug/l	94
19) Methyl tert-butyl Ether	3.16	73	388906	47.224	ug/l	97
20) Methylene Chloride	2.83	84	120966	45.085	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	114453	45.118	ug/l	93
22) Diisopropyl ether	3.82	45	340916	42.077	ug/l	96
23) Vinyl Acetate	3.78	43	1491539	210.314	ug/l	95
24) 1,1-Dichloroethane	3.67	63	205209	44.874	ug/l	98
25) 2-Butanone	4.63	43	437765	199.220	ug/l	94
26) 2,2-Dichloropropane	4.55	77	202010	53.984	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	134371	45.787	ug/l	97
28) Bromochloromethane	4.98	49	84445	39.737	ug/l	84
29) Tetrahydrofuran	5.09	42	278578	196.234	ug/l	92
30) Chloroform	5.17	83	222578	48.304	ug/l	99
31) Cyclohexane	5.54	56	162545	39.509	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	205105	49.167	ug/l	98
36) 1,1-Dichloropropene	5.76	75	159793	49.938	ug/l	98
37) Ethyl Acetate	4.79	43	166479	43.335	ug/l	97
38) Carbon Tetrachloride	5.75	117	186515	55.466	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	178694	51.414	ug/l	98
40) Benzene	6.11	78	472977	49.636	ug/l	99
41) Methacrylonitrile	5.00	41	91370	43.300	ug/l	96
42) 1,2-Dichloroethane	6.16	62	176261	52.013	ug/l	100
43) Isopropyl Acetate	6.41	43	265967	44.385	ug/l	96
44) Trichloroethene	7.18	130	144455	47.780	ug/l	98
45) 1,2-Dichloropropane	7.49	63	119343	49.196	ug/l	96
46) Dibromomethane	7.63	93	84567	51.901	ug/l	95
47) Bromodichloromethane	7.87	83	183780	54.473	ug/l	99
48) Methyl methacrylate	7.74	41	129806	45.242	ug/l	94
49) 1,4-Dioxane	7.71	88	65509	975.634	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	854210	228.937	ug/l	97
52) Toluene	8.76	92	314392	52.321	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	205443	53.552	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	213554	52.591	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	130433	54.594	ug/l	96
56) Ethyl methacrylate	9.16	69	198441	51.000	ug/l	96
57) 1,3-Dichloropropane	9.35	76	212917	51.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496819	244.622	ug/l	94
59) 2-Hexanone	9.48	43	673326	232.054	ug/l	97
60) Dibromochloromethane	9.56	129	156798	58.318	ug/l	99
61) 1,2-Dibromoethane	9.65	107	138954	54.312	ug/l	99
64) Tetrachloroethene	9.32	164	154797	43.181	ug/l	99
65) Chlorobenzene	10.12	112	347690	53.224	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	139924	56.112	ug/l	98
67) Ethyl Benzene	10.23	91	599256	51.524	ug/l	99
68) m/p-Xylenes	10.34	106	458950	106.427	ug/l	100
69) o-Xylene	10.68	106	219977	52.673	ug/l	97
70) Styrene	10.70	104	395538	55.101	ug/l	99
71) Bromoform	10.84	173	122579	58.164	ug/l #	98
73) Isopropylbenzene	11.00	105	601355	50.498	ug/l	99
74) N-amyl acetate	10.88	43	228805	41.771	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	175577	58.830	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	183402m	48.548	ug/l	
77) Bromobenzene	11.24	156	161344	51.657	ug/l	95
78) n-propylbenzene	11.34	91	677386	50.915	ug/l	99
79) 2-Chlorotoluene	11.40	91	409351	50.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	519150	52.211	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	73262	47.704	ug/l	95
82) 4-Chlorotoluene	11.49	91	486454	50.726	ug/l	100
83) tert-Butylbenzene	11.76	119	486001	57.203	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	533131	53.017	ug/l	99
85) sec-Butylbenzene	11.93	105	569004	53.387	ug/l	99
86) p-Isopropyltoluene	12.05	119	553796	55.469	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	287496	53.130	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289002	52.221	ug/l	99
89) n-Butylbenzene	12.37	91	466752	56.128	ug/l	99
90) Hexachloroethane	12.58	117	96082	55.716	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	278626	53.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47077	48.699	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	202334	58.112	ug/l	97
94) Hexachlorobutadiene	13.77	225	92658	67.781	ug/l	99
95) Naphthalene	13.82	128	629449	52.735	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	196570	57.627	ug/l	99

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

