

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016350.D
 Acq On : 20 May 2020 10:48
 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
 5/21/2020 1:15:17 PM

Quant Time: May 21 03:58:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	250774	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	395719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154234	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.46	113	129190	51.53	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.70	98	495413	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	194834	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	142105	53.536	ug/l	98
3) Chloromethane	1.31	50	155352	50.396	ug/l	99
4) Vinyl Chloride	1.39	62	172214	52.363	ug/l	99
5) Bromomethane	1.62	94	69263	41.774	ug/l	99
6) Chloroethane	1.70	64	104968	52.455	ug/l	98
7) Trichlorofluoromethane	1.91	101	227389	52.664	ug/l	99
8) Diethyl Ether	2.17	74	94114	51.732	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128631	51.637	ug/l	99
10) Methyl Iodide	2.48	142	145116	43.369	ug/l	99
11) Tert butyl alcohol	3.01	59	205350	246.085	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132395	50.788	ug/l	97
13) Acrolein	2.27	56	163642	313.382	ug/l	100
14) Allyl chloride	2.70	41	232830	48.712	ug/l	94
15) Acrylonitrile	3.11	53	450653	260.327	ug/l	99
16) Acetone	2.42	43	368509	250.278	ug/l	95
17) Carbon Disulfide	2.54	76	355614	45.407	ug/l	99
18) Methyl Acetate	2.75	43	195532	54.010	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	501061	55.757	ug/l	98
20) Methylene Chloride	2.83	84	153533	50.582	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	146892	50.566	ug/l	97
22) Diisopropyl ether	3.82	45	465395	51.612	ug/l	95
23) Vinyl Acetate	3.78	43	2026161	255.401	ug/l	98
24) 1,1-Dichloroethane	3.67	63	268975	53.323	ug/l	98
25) 2-Butanone	4.63	43	597095	251.660	ug/l	95
26) 2,2-Dichloropropane	4.54	77	248576	53.960	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	174936	55.083	ug/l	95
28) Bromochloromethane	4.98	49	108989	47.385	ug/l	92
29) Tetrahydrofuran	5.08	42	393950	250.587	ug/l	96
30) Chloroform	5.17	83	275997	54.954	ug/l	98
31) Cyclohexane	5.54	56	221113	48.233	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	246855	54.073	ug/l	97
36) 1,1-Dichloropropene	5.76	75	206806	53.091	ug/l	99
37) Ethyl Acetate	4.79	43	229880	50.917	ug/l	97
38) Carbon Tetrachloride	5.75	117	217380	54.904	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220899	47.090	ug/l	97
40) Benzene	6.10	78	627221	55.032	ug/l	100
41) Methacrylonitrile	4.99	41	126099	51.718	ug/l	96
42) 1,2-Dichloroethane	6.16	62	214353	52.208	ug/l	98
43) Isopropyl Acetate	6.40	43	371778	51.611	ug/l	97
44) Trichloroethene	7.18	130	210623	52.017	ug/l	99
45) 1,2-Dichloropropane	7.49	63	162899	56.485	ug/l	100
46) Dibromomethane	7.63	93	107183	54.689	ug/l	98
47) Bromodichloromethane	7.87	83	227730	57.053	ug/l	98
48) Methyl methacrylate	7.74	41	176325	51.658	ug/l	92
49) 1,4-Dioxane	7.71	88	83530	1020.360	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1170225	265.472	ug/l	96
52) Toluene	8.76	92	405954	57.143	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	263225	55.310	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	280694	56.467	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	164138	58.724	ug/l	99
56) Ethyl methacrylate	9.16	69	264603	57.996	ug/l	92
57) 1,3-Dichloropropane	9.35	76	279124	57.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	651220	268.111	ug/l	98
59) 2-Hexanone	9.48	43	914031	264.035	ug/l	95
60) Dibromochloromethane	9.57	129	185393	60.225	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174004	57.474	ug/l	99
64) Tetrachloroethene	9.32	164	237140	53.043	ug/l	98
65) Chlorobenzene	10.12	112	437716	57.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	169009	59.965	ug/l	98
67) Ethyl Benzene	10.23	91	767830	56.434	ug/l	99
68) m/p-Xylenes	10.34	106	585453	114.850	ug/l	100
69) o-Xylene	10.68	106	283573	57.873	ug/l	100
70) Styrene	10.70	104	498812	60.005	ug/l	99
71) Bromoform	10.84	173	142793	62.185	ug/l #	99
73) Isopropylbenzene	11.00	105	737806	55.918	ug/l	99
74) N-amyl acetate	10.88	43	323462	52.557	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	171952	64.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	234465m	56.957	ug/l	
77) Bromobenzene	11.24	156	189221	55.560	ug/l	99
78) n-propylbenzene	11.34	91	838597	54.632	ug/l	100
79) 2-Chlorotoluene	11.40	91	513503	56.675	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	618226	55.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	99691	57.711	ug/l	92
82) 4-Chlorotoluene	11.49	91	605346	56.577	ug/l	99
83) tert-Butylbenzene	11.76	119	518743	54.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	631996	56.113	ug/l	98
85) sec-Butylbenzene	11.93	105	665918	51.371	ug/l	100
86) p-Isopropyltoluene	12.05	119	620310	51.541	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	334223	54.655	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	344554	55.514	ug/l	99
89) n-Butylbenzene	12.37	91	526071	47.846	ug/l	100
90) Hexachloroethane	12.58	117	108098	52.298	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	330249	56.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58114	53.564	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217305	49.847	ug/l	98
94) Hexachlorobutadiene	13.77	225	84538	45.087	ug/l	99
95) Naphthalene	13.82	128	768119	54.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	211040	49.534	ug/l	97

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

