

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072920\
 Data File : VX017665.D
 Acq On : 29 Jul 2020 10:32
 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
 7/30/2020 6:08:25 PM

Quant Time: Jul 30 04:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	580011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	857352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	444288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	369060	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.46	113	284003	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.70	98	1042973	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.12	95	413797	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	275981	51.313	ug/l	96
3) Chloromethane	1.31	50	319061	44.543	ug/l	98
4) Vinyl Chloride	1.39	62	323451	44.316	ug/l	99
5) Bromomethane	1.62	94	191093	48.627	ug/l	99
6) Chloroethane	1.70	64	195406	48.529	ug/l	99
7) Trichlorofluoromethane	1.92	101	533111	46.438	ug/l	98
8) Diethyl Ether	2.17	74	175683	47.124	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	284166	45.107	ug/l	98
10) Methyl Iodide	2.49	142	357253	44.326	ug/l	96
11) Tert butyl alcohol	3.01	59	323909	206.278	ug/l	100
12) 1,1-Dichloroethene	2.36	96	268758	44.861	ug/l	99
13) Acrolein	2.27	56	432808	359.171	ug/l	98
14) Allyl chloride	2.70	41	499981	45.706	ug/l	97
15) Acrylonitrile	3.11	53	757852	223.452	ug/l	100
16) Acetone	2.42	43	657205	200.415	ug/l	96
17) Carbon Disulfide	2.55	76	767330	42.139	ug/l	99
18) Methyl Acetate	2.75	43	338185	43.789	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	949185	45.776	ug/l	100
20) Methylene Chloride	2.83	84	306889	49.682	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	298411	46.496	ug/l	98
22) Diisopropyl ether	3.82	45	948663	47.429	ug/l	99
23) Vinyl Acetate	3.78	43	4233501	237.381	ug/l	100
24) 1,1-Dichloroethane	3.67	63	535196	46.449	ug/l	99
25) 2-Butanone	4.63	43	1050193	225.437	ug/l	96
26) 2,2-Dichloropropane	4.54	77	520779	50.492	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	329010	47.198	ug/l	99
28) Bromochloromethane	4.98	49	235422	45.088	ug/l	98
29) Tetrahydrofuran	5.09	42	668519	231.676	ug/l	99
30) Chloroform	5.17	83	568129	48.256	ug/l	99
31) Cyclohexane	5.54	56	448079	48.766	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	531516	47.876	ug/l	99
36) 1,1-Dichloropropene	5.76	75	418876	50.941	ug/l	100
37) Ethyl Acetate	4.79	43	412329	45.830	ug/l	100
38) Carbon Tetrachloride	5.75	117	497208	49.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	482089	50.223	ug/l	97
40) Benzene	6.11	78	1176869	49.922	ug/l	97
41) Methacrylonitrile	5.00	41	242928	47.107	ug/l	99
42) 1,2-Dichloroethane	6.16	62	483512	50.134	ug/l	99
43) Isopropyl Acetate	6.41	43	696439	46.916	ug/l	100
44) Trichloroethene	7.18	130	352293	51.135	ug/l	99
45) 1,2-Dichloropropane	7.49	63	312057	47.750	ug/l	98
46) Dibromomethane	7.63	93	217749	47.147	ug/l	98
47) Bromodichloromethane	7.87	83	464414	49.975	ug/l	97
48) Methyl methacrylate	7.74	41	351535	47.774	ug/l	97
49) 1,4-Dioxane	7.71	88	136433	967.090	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2136711	241.242	ug/l	100
52) Toluene	8.76	92	766499	50.699	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	532975	51.234	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	545532	51.413	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	311721	49.495	ug/l	99
56) Ethyl methacrylate	9.16	69	474501	50.008	ug/l	99
57) 1,3-Dichloropropane	9.35	76	527653	50.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1231138	246.278	ug/l	99
59) 2-Hexanone	9.47	43	1660852	249.062	ug/l	99
60) Dibromochloromethane	9.56	129	405471	50.653	ug/l	100
61) 1,2-Dibromoethane	9.65	107	346095	51.616	ug/l	99
64) Tetrachloroethene	9.32	164	357343	48.459	ug/l	97
65) Chlorobenzene	10.12	112	872601	49.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	352071	49.053	ug/l	99
67) Ethyl Benzene	10.23	91	1519762	51.194	ug/l	100
68) m/p-Xylenes	10.34	106	1158552	100.741	ug/l	97
69) o-Xylene	10.68	106	549820	49.709	ug/l	99
70) Styrene	10.70	104	965053	51.281	ug/l	99
71) Bromoform	10.84	173	303171	48.754	ug/l #	100
73) Isopropylbenzene	11.00	105	1534753	50.355	ug/l	100
74) N-amyl acetate	10.88	43	638159	47.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	428716	45.064	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	430753m	47.132	ug/l	
77) Bromobenzene	11.24	156	412452	48.338	ug/l	99
78) n-propylbenzene	11.34	91	1770960	51.518	ug/l	100
79) 2-Chlorotoluene	11.40	91	1052922	49.446	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1327561	51.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	168570	46.477	ug/l	94
82) 4-Chlorotoluene	11.49	91	1265898	50.396	ug/l	100
83) tert-Butylbenzene	11.76	119	1270244	51.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1335288	51.589	ug/l	99
85) sec-Butylbenzene	11.93	105	1510318	52.067	ug/l	100
86) p-Isopropyltoluene	12.05	119	1444904	52.307	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	733004	50.025	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	741295	48.842	ug/l	100
89) n-Butylbenzene	12.37	91	1277565	51.903	ug/l	100
90) Hexachloroethane	12.58	117	267056	49.037	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	696573	48.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	114484	42.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	518204	52.724	ug/l	99
94) Hexachlorobutadiene	13.77	225	222231	49.120	ug/l	98
95) Naphthalene	13.82	128	1505310	51.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	503559	51.889	ug/l	99

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

