

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017558.D
 Acq On : 24 Jul 2020 21:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:17 AM

Quant Time: Jul 25 04:05:21 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	601224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	955717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	950886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	495727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	425045	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	5.46	113	312091	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.70	98	1254745	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
62) 4-Bromofluorobenzene	11.12	95	475087	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	320256	57.569	ug/l	98
3) Chloromethane	1.31	50	385644	51.878	ug/l	100
4) Vinyl Chloride	1.39	62	380873	50.342	ug/l	100
5) Bromomethane	1.62	94	214138	52.832	ug/l	97
6) Chloroethane	1.71	64	213313	51.148	ug/l	97
7) Trichlorofluoromethane	1.92	101	557529	46.851	ug/l	100
8) Diethyl Ether	2.17	74	194371	50.392	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	308645	47.264	ug/l	98
10) Methyl Iodide	2.49	142	347575	41.603	ug/l	98
11) Tert butyl alcohol	3.01	59	399779	245.612	ug/l	99
12) 1,1-Dichloroethene	2.36	96	305821	49.247	ug/l	94
13) Acrolein	2.28	56	279773	225.543	ug/l	100
14) Allyl chloride	2.71	41	556428	49.071	ug/l	100
15) Acrylonitrile	3.12	53	908906	258.535	ug/l	100
16) Acetone	2.42	43	827945	243.573	ug/l	98
17) Carbon Disulfide	2.55	76	870145	46.100	ug/l	99
18) Methyl Acetate	2.75	43	405246	50.621	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1048015	48.758	ug/l	100
20) Methylene Chloride	2.83	84	344043	53.840	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	321460	48.320	ug/l	97
22) Diisopropyl ether	3.83	45	1098389	52.977	ug/l	97
23) Vinyl Acetate	3.79	43	5064041	273.932	ug/l	99
24) 1,1-Dichloroethane	3.67	63	569524	47.684	ug/l	99
25) 2-Butanone	4.64	43	1375030	284.753	ug/l	97
26) 2,2-Dichloropropane	4.55	77	448024	41.906	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	354576	49.071	ug/l	98
28) Bromochloromethane	4.98	49	273198	50.476	ug/l	98
29) Tetrahydrofuran	5.09	42	892534	298.395	ug/l	97
30) Chloroform	5.18	83	631595	51.754	ug/l	96
31) Cyclohexane	5.55	56	497501	52.234	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	559738	48.639	ug/l	99
36) 1,1-Dichloropropene	5.77	75	449351	49.023	ug/l	99
37) Ethyl Acetate	4.80	43	493580	49.214	ug/l	100
38) Carbon Tetrachloride	5.76	117	517704	46.510	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	573679	53.613	ug/l	99
40) Benzene	6.12	78	1311086	49.891	ug/l	100
41) Methacrylonitrile	5.00	41	278221	48.398	ug/l	98
42) 1,2-Dichloroethane	6.17	62	516999	48.089	ug/l	100
43) Isopropyl Acetate	6.41	43	849965	51.365	ug/l	99
44) Trichloroethene	7.19	130	416404	54.220	ug/l	96
45) 1,2-Dichloropropane	7.49	63	389380	53.450	ug/l	99
46) Dibromomethane	7.64	93	266814	51.825	ug/l	98
47) Bromodichloromethane	7.88	83	547691	52.870	ug/l	99
48) Methyl methacrylate	7.74	41	460014	56.082	ug/l	99
49) 1,4-Dioxane	7.71	88	171475	1090.381	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2751750	278.705	ug/l	99
52) Toluene	8.77	92	887525	52.662	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	582757	50.254	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	627190	53.025	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	357817	50.966	ug/l	99
56) Ethyl methacrylate	9.16	69	577165	54.567	ug/l	99
57) 1,3-Dichloropropane	9.35	76	600272	51.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1531755	274.876	ug/l	99
59) 2-Hexanone	9.48	43	2019446	271.668	ug/l	100
60) Dibromochloromethane	9.57	129	432541	48.473	ug/l	100
61) 1,2-Dibromoethane	9.65	107	376603	50.385	ug/l	99
64) Tetrachloroethene	9.32	164	374580	43.890	ug/l	96
65) Chlorobenzene	10.12	112	974280	47.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	382426	46.038	ug/l	99
67) Ethyl Benzene	10.24	91	1648266	47.975	ug/l	98
68) m/p-Xylenes	10.34	106	1253280	94.162	ug/l	99
69) o-Xylene	10.68	106	567085	44.300	ug/l	99
70) Styrene	10.70	104	999191	45.877	ug/l	99
71) Bromoform	10.84	173	332668	46.225	ug/l #	98
73) Isopropylbenzene	11.01	105	1632107	47.992	ug/l	99
74) N-amyl acetate	10.88	43	771858	51.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	487736	45.948	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	472692m	46.355	ug/l	
77) Bromobenzene	11.24	156	439460	46.159	ug/l	99
78) n-propylbenzene	11.34	91	1996968	52.065	ug/l	100
79) 2-Chlorotoluene	11.40	91	1188622	50.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1412092	48.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	182640	45.131	ug/l	99
82) 4-Chlorotoluene	11.49	91	1333472	47.578	ug/l	100
83) tert-Butylbenzene	11.76	119	1437390	51.735	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1549544	53.655	ug/l	100
85) sec-Butylbenzene	11.93	105	1714278	52.966	ug/l	100
86) p-Isopropyltoluene	12.05	119	1595225	51.756	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	773470	47.310	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	761058	44.941	ug/l	99
89) n-Butylbenzene	12.37	91	1262783	45.979	ug/l	99
90) Hexachloroethane	12.58	117	272513	44.847	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	730029	45.432	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	125871	42.346	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	540814	49.315	ug/l	98
94) Hexachlorobutadiene	13.77	225	226428	44.854	ug/l	97
95) Naphthalene	13.82	128	1644954	50.247	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	517066	47.752	ug/l	97

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

