

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018047.D
 Acq On : 20 Aug 2020 21:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX082120

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:16 AM

Quant Time: Aug 21 03:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	657971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1075563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1026369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	496868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	414000	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.47	113	331356	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
50) Toluene-d8	8.70	98	1203789	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
62) 4-Bromofluorobenzene	11.12	95	465955	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	371493	46.373	ug/l	100
3) Chloromethane	1.31	50	372148	44.063	ug/l	100
4) Vinyl Chloride	1.39	62	370572	44.077	ug/l	97
5) Bromomethane	1.62	94	211161	52.072	ug/l	99
6) Chloroethane	1.71	64	215642	47.755	ug/l	100
7) Trichlorofluoromethane	1.92	101	542552	47.326	ug/l	97
8) Diethyl Ether	2.17	74	184856	47.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	285372	46.044	ug/l	98
10) Methyl Iodide	2.49	142	256164	39.833	ug/l	99
11) Tert butyl alcohol	3.02	59	407044	229.186	ug/l	99
12) 1,1-Dichloroethene	2.36	96	295114	45.896	ug/l	99
13) Acrolein	2.28	56	184187	250.110	ug/l	98
14) Allyl chloride	2.71	41	544934	47.171	ug/l	99
15) Acrylonitrile	3.12	53	950133	235.838	ug/l	100
16) Acetone	2.42	43	796818	223.870	ug/l	97
17) Carbon Disulfide	2.55	76	865380	44.520	ug/l	98
18) Methyl Acetate	2.75	43	405865	47.254	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1041086	47.211	ug/l	98
20) Methylene Chloride	2.84	84	340442	46.702	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	325744	45.725	ug/l	99
22) Diisopropyl ether	3.83	45	1125934	49.381	ug/l	99
23) Vinyl Acetate	3.79	43	5166970	254.677	ug/l	100
24) 1,1-Dichloroethane	3.67	63	603412	46.491	ug/l	98
25) 2-Butanone	4.64	43	1433999	245.147	ug/l	99
26) 2,2-Dichloropropane	4.55	77	473523	44.839	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	392434	47.811	ug/l	97
28) Bromochloromethane	4.98	49	294454	47.000	ug/l	97
29) Tetrahydrofuran	5.09	42	923884	248.108	ug/l	100
30) Chloroform	5.18	83	633916	47.169	ug/l	96
31) Cyclohexane	5.55	56	528698	48.357	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	574109	46.550	ug/l	100
36) 1,1-Dichloropropene	5.77	75	467543	47.129	ug/l	99
37) Ethyl Acetate	4.80	43	559245	48.537	ug/l	99
38) Carbon Tetrachloride	5.76	117	516926	46.237	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	507515	46.786	ug/l	99
40) Benzene	6.12	78	1347450	46.225	ug/l	99
41) Methacrylonitrile	5.01	41	304479	48.128	ug/l	100
42) 1,2-Dichloroethane	6.17	62	517282	46.316	ug/l	99
43) Isopropyl Acetate	6.42	43	858735	46.144	ug/l	99
44) Trichloroethene	7.19	130	380219	46.162	ug/l	99
45) 1,2-Dichloropropane	7.49	63	375570	47.804	ug/l	98
46) Dibromomethane	7.64	93	253695	45.920	ug/l	97
47) Bromodichloromethane	7.88	83	518941	47.043	ug/l	100
48) Methyl methacrylate	7.75	41	430167	46.433	ug/l	99
49) 1,4-Dioxane	7.72	88	157806	940.362	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2812934	244.696	ug/l	99
52) Toluene	8.77	92	860889	46.575	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	573442	46.903	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	608131	46.955	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	357276	45.321	ug/l	97
56) Ethyl methacrylate	9.16	69	563969	48.123	ug/l	99
57) 1,3-Dichloropropane	9.35	76	608282	46.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1225575	232.473	ug/l	99
59) 2-Hexanone	9.48	43	2053378	234.910	ug/l	100
60) Dibromochloromethane	9.57	129	432233	46.739	ug/l	100
61) 1,2-Dibromoethane	9.65	107	379690	44.364	ug/l	98
64) Tetrachloroethene	9.32	164	336933	44.672	ug/l	99
65) Chlorobenzene	10.12	112	962709	46.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	365886	45.287	ug/l	98
67) Ethyl Benzene	10.24	91	1683084	48.281	ug/l	100
68) m/p-Xylenes	10.34	106	1229148	94.467	ug/l	97
69) o-Xylene	10.68	106	607965	48.201	ug/l	99
70) Styrene	10.70	104	1055074	49.119	ug/l	98
71) Bromoform	10.84	173	321778	46.693	ug/l #	96
73) Isopropylbenzene	11.01	105	1651700	50.397	ug/l	99
74) N-amyl acetate	10.88	43	799689	51.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	527866	45.657	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	508277m	45.985	ug/l	
77) Bromobenzene	11.24	156	424320	46.838	ug/l	99
78) n-propylbenzene	11.35	91	1791846	48.151	ug/l	100
79) 2-Chlorotoluene	11.41	91	1140677	49.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1376597	51.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	196116	47.921	ug/l	99
82) 4-Chlorotoluene	11.49	91	1333299	48.782	ug/l	99
83) tert-Butylbenzene	11.76	119	1301470	48.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1368241	49.691	ug/l	99
85) sec-Butylbenzene	11.93	105	1521086	50.326	ug/l	100
86) p-Isopropyltoluene	12.05	119	1403219	50.542	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	740102	46.530	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	733315	46.046	ug/l	98
89) n-Butylbenzene	12.37	91	1207662	47.658	ug/l	99
90) Hexachloroethane	12.58	117	271685	49.738	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	686843	45.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	133831	46.295	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	472402	47.316	ug/l	99
94) Hexachlorobutadiene	13.77	225	181363	46.054	ug/l	94
95) Naphthalene	13.82	128	1632413	49.681	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	469069	47.548	ug/l	98

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

