

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016945.D
 Acq On : 24 Jun 2020 12:46
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 24 13:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	205619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	466038	177.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	355.94%	
35) Dibromofluoromethane	5.46	113	361702	158.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.60%	
50) Toluene-d8	8.70	98	1333577	147.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.98%	
62) 4-Bromofluorobenzene	11.12	95	528657	150.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	307401	131.497	ug/l	99
3) Chloromethane	1.31	50	320639	126.946	ug/l	96
4) Vinyl Chloride	1.39	62	312414	113.484	ug/l	99
5) Bromomethane	1.62	94	172686	103.857	ug/l	97
6) Chloroethane	1.69	64	220233	125.873	ug/l	99
7) Trichlorofluoromethane	1.90	101	547478	136.341	ug/l	98
8) Diethyl Ether	2.17	74	206372	132.187	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	301889	140.315	ug/l	100
10) Methyl Iodide	2.49	142	438251	201.292	ug/l	98
11) Tert butyl alcohol	3.04	59	480930	1062.098	ug/l	99
12) 1,1-Dichloroethene	2.35	96	305368	139.617	ug/l	98
13) Acrolein	2.28	56	326753	1116.843	ug/l	99
14) Allyl chloride	2.70	41	635361	203.126	ug/l	99
15) Acrylonitrile	3.12	53	1069086	1046.437	ug/l	99
16) Acetone	2.43	43	852702	886.411	ug/l	99
17) Carbon Disulfide	2.54	76	969600	164.237	ug/l	100
18) Methyl Acetate	2.75	43	438789	184.977	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1240111	190.326	ug/l	98
20) Methylene Chloride	2.83	84	394319	176.747	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	376231	176.183	ug/l	93
22) Diisopropyl ether	3.83	45	1263247	209.179	ug/l	99
23) Vinyl Acetate	3.79	43	5688558	1127.070	ug/l	99
24) 1,1-Dichloroethane	3.67	63	699229	191.670	ug/l	99
25) 2-Butanone	4.64	43	1510075	1126.102	ug/l	98
26) 2,2-Dichloropropane	4.55	77	614693	182.404	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	432116	179.860	ug/l	100
28) Bromochloromethane	4.98	49	311756	203.269	ug/l	99
29) Tetrahydrofuran	5.09	42	971409	1137.790	ug/l	99
30) Chloroform	5.18	83	699916	182.596	ug/l	99
31) Cyclohexane	5.55	56	584530	180.764	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	649301	180.228	ug/l	99
36) 1,1-Dichloropropene	5.77	75	519131	155.540	ug/l	99
37) Ethyl Acetate	4.80	43	595274	194.933	ug/l	99
38) Carbon Tetrachloride	5.75	117	559427	151.072	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	596453	156.935	ug/l	97
40) Benzene	6.12	78	1503846	151.060	ug/l	99
41) Methacrylonitrile	5.01	41	330942	198.969	ug/l	99
42) 1,2-Dichloroethane	6.17	62	597827	165.891	ug/l	100
43) Isopropyl Acetate	6.42	43	1013579	193.026	ug/l	99
44) Trichloroethene	7.19	130	396945	137.503	ug/l	98
45) 1,2-Dichloropropane	7.49	63	394463	156.452	ug/l	99
46) Dibromomethane	7.64	93	280050	164.024	ug/l	98
47) Bromodichloromethane	7.88	83	599678	164.767	ug/l	97
48) Methyl methacrylate	7.75	41	501325	199.688	ug/l	97
49) 1,4-Dioxane	7.72	88	200967	3668.026	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	2980503	937.232	ug/l	99
52) Toluene	8.77	92	923781	140.737	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	689304	172.499	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	692632	162.455	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	406628	165.697	ug/l	98
56) Ethyl methacrylate	9.16	69	667852	187.451	ug/l	99
57) 1,3-Dichloropropane	9.35	76	694236	165.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1612461	933.971	ug/l	100
59) 2-Hexanone	9.48	43	2265101	979.600	ug/l	100
60) Dibromochloromethane	9.57	129	441423	150.860	ug/l	100
61) 1,2-Dibromoethane	9.65	107	415402	154.694	ug/l	97
64) Tetrachloroethene	9.32	164	352949	106.163	ug/l	98
65) Chlorobenzene	10.12	112	1094010	144.919	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	415357	141.531	ug/l	99
67) Ethyl Benzene	10.24	91	1997024	154.219	ug/l	100
68) m/p-Xylenes	10.34	106	1461342	291.953	ug/l	98
69) o-Xylene	10.68	106	709531	152.683	ug/l	97
70) Styrene	10.70	104	1247576	157.584	ug/l	99
71) Bromoform	10.84	173	343887	140.802	ug/l	98
73) Isopropylbenzene	11.00	105	1769090	166.079	ug/l	100
74) N-amyl acetate	10.88	43	904265	226.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	583107	187.690	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	538814m	174.233	ug/l	
77) Bromobenzene	11.24	156	439074	153.875	ug/l	99
78) n-propylbenzene	11.35	91	2258391	188.187	ug/l	99
79) 2-Chlorotoluene	11.41	91	1244710	169.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1554685	169.950	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	226519	178.249	ug/l	97
82) 4-Chlorotoluene	11.49	91	1525188	173.840	ug/l	99
83) tert-Butylbenzene	11.76	119	1557313	171.472	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1653477	175.112	ug/l	99
85) sec-Butylbenzene	11.93	105	1840214	173.904	ug/l	100
86) p-Isopropyltoluene	12.05	119	1647270	171.700	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	833430	160.622	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	786394	148.869	ug/l	98
89) n-Butylbenzene	12.37	91	1568052	187.091	ug/l	100
90) Hexachloroethane	12.58	117	334444	190.929	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	783813	154.963	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	148416	204.134	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	532404	162.362	ug/l	97
94) Hexachlorobutadiene	13.77	225	193698	133.216	ug/l	95
95) Naphthalene	13.82	128	1899084	190.522	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	530447	164.034	ug/l	97

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

