

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016966.D
 Acq On : 25 Jun 2020 20:45
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:29 PM

Quant Time: Jun 26 08:32:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483219	162.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.56%	
35) Dibromofluoromethane	5.46	113	369511	187.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	375.40%	
50) Toluene-d8	8.70	98	1368366	167.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.26%	
62) 4-Bromofluorobenzene	11.12	95	538770	163.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	346059	156.942	ug/l	100
3) Chloromethane	1.31	50	377166	157.884	ug/l	100
4) Vinyl Chloride	1.39	62	389889	132.970	ug/l	98
5) Bromomethane	1.62	94	245148	201.791	ug/l	98
6) Chloroethane	1.69	64	257369	143.923	ug/l	100
7) Trichlorofluoromethane	1.90	101	657988	179.677	ug/l	98
8) Diethyl Ether	2.17	74	231124	138.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	341837	151.928	ug/l	99
10) Methyl Iodide	2.49	142	445424	180.564	ug/l	98
11) Tert butyl alcohol	3.03	59	446517	713.798	ug/l	100
12) 1,1-Dichloroethene	2.35	96	344649	147.062	ug/l	97
13) Acrolein	2.28	56	384177	946.937	ug/l	99
14) Allyl chloride	2.70	41	658229	157.220	ug/l	99
15) Acrylonitrile	3.12	53	1045637	763.613	ug/l	100
16) Acetone	2.42	43	905339	808.322	ug/l	100
17) Carbon Disulfide	2.54	76	1058378	147.371	ug/l	98
18) Methyl Acetate	2.75	43	443999	136.111	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1244632	148.676	ug/l	100
20) Methylene Chloride	2.83	84	388783	143.337	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	378190	144.852	ug/l	99
22) Diisopropyl ether	3.82	45	1333842	161.289	ug/l	99
23) Vinyl Acetate	3.79	43	6003251	878.238	ug/l	100
24) 1,1-Dichloroethane	3.67	63	700332	149.303	ug/l	99
25) 2-Butanone	4.64	43	1454585	806.801	ug/l	100
26) 2,2-Dichloropropane	4.55	77	570369	139.395	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	425810	144.617	ug/l	98
28) Bromochloromethane	4.98	49	320987	154.620	ug/l	99
29) Tetrahydrofuran	5.09	42	964036	807.889	ug/l	100
30) Chloroform	5.18	83	718980	154.643	ug/l	99
31) Cyclohexane	5.54	56	612288	140.945	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	643797	153.328	ug/l	99
36) 1,1-Dichloropropene	5.77	75	533928	158.319	ug/l	99
37) Ethyl Acetate	4.80	43	593037	172.659	ug/l	100
38) Carbon Tetrachloride	5.76	117	573554	180.939	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062620\
 Data File : VX016966.D
 Acq On : 25 Jun 2020 20:45
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:29 PM

Quant Time: Jun 26 08:32:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	609128	151.010	ug/l	98
40) Benzene	6.11	78	1530776	156.020	ug/l	98
41) Methacrylonitrile	5.01	41	332100	171.707	ug/l	96
42) 1,2-Dichloroethane	6.16	62	589941	167.963	ug/l	100
43) Isopropyl Acetate	6.42	43	989630	175.567	ug/l	99
44) Trichloroethene	7.19	130	401761	135.947	ug/l	99
45) 1,2-Dichloropropane	7.49	63	399048	158.340	ug/l	96
46) Dibromomethane	7.64	93	276161	163.492	ug/l	99
47) Bromodichloromethane	7.88	83	586771	169.577	ug/l	97
48) Methyl methacrylate	7.75	41	484490	174.989	ug/l	99
49) 1,4-Dioxane	7.72	88	176540	2918.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2962275	897.100	ug/l	99
52) Toluene	8.77	92	964648	155.360	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	673048	164.172	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	677443	158.048	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	396018	159.578	ug/l	98
56) Ethyl methacrylate	9.16	69	661020	166.316	ug/l	99
57) 1,3-Dichloropropane	9.35	76	673122	158.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1655668	837.590	ug/l	100
59) 2-Hexanone	9.48	43	2206828	881.361	ug/l	99
60) Dibromochloromethane	9.57	129	470625	186.691	ug/l	98
61) 1,2-Dibromoethane	9.65	107	429877	166.619	ug/l	99
64) Tetrachloroethene	9.32	164	349023	109.133	ug/l	98
65) Chlorobenzene	10.12	112	1060422	157.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	405353	167.476	ug/l	100
67) Ethyl Benzene	10.24	91	1920090	154.340	ug/l	98
68) m/p-Xylenes	10.34	106	1445955	316.400	ug/l	99
69) o-Xylene	10.68	106	704707	158.590	ug/l	99
70) Styrene	10.70	104	1223335	159.968	ug/l	99
71) Bromoform	10.84	173	331576	195.800	ug/l #	97
73) Isopropylbenzene	11.00	105	1906410	152.694	ug/l	99
74) N-amyl acetate	10.88	43	911930	165.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	586611	195.209	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	523538m	143.810	ug/l	
77) Bromobenzene	11.24	156	462869	160.568	ug/l	98
78) n-propylbenzene	11.35	91	2222489	150.570	ug/l	100
79) 2-Chlorotoluene	11.41	91	1275634	146.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1594816	150.514	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	222553	141.141	ug/l	97
82) 4-Chlorotoluene	11.49	91	1538522	148.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1526383	166.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1584603	145.585	ug/l	99
85) sec-Butylbenzene	11.93	105	1818644	148.983	ug/l	99
86) p-Isopropyltoluene	12.05	119	1653622	148.381	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	809544	152.724	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	806735	148.020	ug/l	98
89) n-Butylbenzene	12.37	91	1546380	147.907	ug/l	100
90) Hexachloroethane	12.58	117	325481	179.468	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	783944	154.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	139002	153.483	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016966.D
Acq On : 25 Jun 2020 20:45
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:29 PM

Quant Time: Jun 26 08:32:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	531244	160.888	ug/l	99
94) Hexachlorobutadiene	13.76	225	185772	159.281	ug/l	95
95) Naphthalene	13.82	128	1808975	153.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	517729	165.154	ug/l	99

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

