

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018960.D
 Acq On : 19 Oct 2020 18:22
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:07 PM

Quant Time: Oct 19 18:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	110095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	183690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	171664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	94369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	199312	132.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.74%	
35) Dibromofluoromethane	5.46	113	184820	151.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.74%	
50) Toluene-d8	8.70	98	693613	151.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.20%	
62) 4-Bromofluorobenzene	11.12	95	259734	146.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148163	116.197	ug/l	98
3) Chloromethane	1.31	50	146208	107.392	ug/l	97
4) Vinyl Chloride	1.39	62	196349	138.574	ug/l	98
5) Bromomethane	1.62	94	127329	161.032	ug/l	98
6) Chloroethane	1.69	64	143302	177.558	ug/l	100
7) Trichlorofluoromethane	1.90	101	332861	165.495	ug/l	96
8) Diethyl Ether	2.17	74	131691	186.100	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	179073	163.547	ug/l	99
10) Methyl Iodide	2.48	142	209665	205.606	ug/l	97
11) Tert butyl alcohol	3.04	59	227636	747.589	ug/l	99
12) 1,1-Dichloroethene	2.35	96	193099	169.009	ug/l	97
13) Acrolein	2.28	56	152691	1077.197	ug/l	99
14) Allyl chloride	2.70	41	226806	120.729	ug/l	97
15) Acrylonitrile	3.12	53	423244	636.788	ug/l	99
16) Acetone	2.43	43	354579	599.764	ug/l	98
17) Carbon Disulfide	2.54	76	452594	138.894	ug/l	98
18) Methyl Acetate	2.75	43	186748	131.295	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	525968	142.648	ug/l	99
20) Methylene Chloride	2.83	84	182526	135.559	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	195185	160.856	ug/l	95
22) Diisopropyl ether	3.83	45	436784	117.546	ug/l	97
23) Vinyl Acetate	3.79	43	2146987	642.645	ug/l	97
24) 1,1-Dichloroethane	3.67	63	307313	141.079	ug/l	98
25) 2-Butanone	4.64	43	600449	621.060	ug/l	98
26) 2,2-Dichloropropane	4.55	77	286355	157.060	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	220563	156.605	ug/l	97
28) Bromochloromethane	4.98	49	128797	124.308	ug/l	87
29) Tetrahydrofuran	5.09	42	351758	579.725	ug/l	97
30) Chloroform	5.18	83	335484	147.287	ug/l	100
31) Cyclohexane	5.54	56	240459	132.313	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	310148	148.372	ug/l	98
36) 1,1-Dichloropropene	5.77	75	252878	149.469	ug/l	98
37) Ethyl Acetate	4.80	43	236310	123.190	ug/l	98
38) Carbon Tetrachloride	5.75	117	279861	148.297	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018960.D
 Acq On : 19 Oct 2020 18:22
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:07 PM

Quant Time: Oct 19 18:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	280833	151.984	ug/l	96
40) Benzene	6.11	78	747371	149.598	ug/l	100
41) Methacrylonitrile	5.01	41	125103	119.417	ug/l	98
42) 1,2-Dichloroethane	6.16	62	246896	131.111	ug/l	98
43) Isopropyl Acetate	6.42	43	386013	124.603	ug/l	98
44) Trichloroethene	7.19	130	217363	155.718	ug/l	93
45) 1,2-Dichloropropane	7.49	63	180578	136.856	ug/l	99
46) Dibromomethane	7.63	93	134633	143.672	ug/l	91
47) Bromodichloromethane	7.88	83	270438	144.928	ug/l	99
48) Methyl methacrylate	7.75	41	181622	118.937	ug/l	97
49) 1,4-Dioxane	7.72	88	92218	3231.355	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1179826	620.878	ug/l	99
52) Toluene	8.77	92	497606	156.213	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	309087	148.371	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	324654	147.449	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	198082	147.630	ug/l	98
56) Ethyl methacrylate	9.16	69	303403	151.867	ug/l	97
57) 1,3-Dichloropropane	9.35	76	318713	144.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	775651	838.448	ug/l	96
59) 2-Hexanone	9.48	43	918343	637.206	ug/l	98
60) Dibromochloromethane	9.57	129	233491	149.364	ug/l	98
61) 1,2-Dibromoethane	9.65	107	218190	149.767	ug/l	100
64) Tetrachloroethene	9.32	164	185362	148.448	ug/l	97
65) Chlorobenzene	10.12	112	546750	158.784	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	210183	156.581	ug/l	99
67) Ethyl Benzene	10.24	91	936779	159.788	ug/l	97
68) m/p-Xylenes	10.34	106	753583	342.807	ug/l	99
69) o-Xylene	10.68	106	361444	168.940	ug/l	100
70) Styrene	10.70	104	625071	172.632	ug/l	99
71) Bromoform	10.84	173	193422	169.692	ug/l #	98
73) Isopropylbenzene	11.00	105	946214	151.931	ug/l	100
74) N-amyl acetate	10.88	43	341419	121.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	309869	141.391	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	274030m	132.094	ug/l	
77) Bromobenzene	11.24	156	259827	152.365	ug/l	90
78) n-propylbenzene	11.34	91	1078242	152.241	ug/l	99
79) 2-Chlorotoluene	11.40	91	627075	144.510	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	823443	160.279	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	117564	151.114	ug/l	98
82) 4-Chlorotoluene	11.49	91	764497	147.951	ug/l	99
83) tert-Butylbenzene	11.76	119	826816	162.077	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	818419	155.943	ug/l	96
85) sec-Butylbenzene	11.93	105	945357	162.515	ug/l	99
86) p-Isopropyltoluene	12.05	119	893346	167.965	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	459801	151.918	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	475565	156.001	ug/l	99
89) n-Butylbenzene	12.37	91	810268	166.177	ug/l	99
90) Hexachloroethane	12.58	117	152533	149.555	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	452825	158.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	74161	136.834	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
Data File : VX018960.D
Acq On : 19 Oct 2020 18:22
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
10/20/2020 4:52:07 PM

Quant Time: Oct 19 18:44:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	334369	175.376	ug/l	97
94) Hexachlorobutadiene	13.77	225	137133	180.001	ug/l	99
95) Naphthalene	13.82	128	1084754	171.742	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	323285	171.265	ug/l	98

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

