

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017965.D
 Acq On : 18 Aug 2020 18:35
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:40 AM

Quant Time: Aug 19 03:08:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	445948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	680643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	669107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	139840	24.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.44%	
35) Dibromofluoromethane	5.46	113	109672	23.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.92%	
50) Toluene-d8	8.70	98	397053	24.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.16%	
62) 4-Bromofluorobenzene	11.12	95	137580	20.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	132167	26.053	ug/l	99
3) Chloromethane	1.31	50	122410	20.165	ug/l	99
4) Vinyl Chloride	1.39	62	111017	19.252	ug/l	98
5) Bromomethane	1.63	94	68043	20.393	ug/l	99
6) Chloroethane	1.72	64	64465	18.720	ug/l	90
7) Trichlorofluoromethane	1.92	101	177154	19.552	ug/l	99
8) Diethyl Ether	2.17	74	49190	15.698	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	80442	16.801	ug/l	98
10) Methyl Iodide	2.49	142	102376	16.727	ug/l	99
11) Tert butyl alcohol	3.02	59	119192	99.937	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75091	16.671	ug/l	94
13) Acrolein	2.28	56	59144	75.607	ug/l	99
14) Allyl chloride	2.71	41	132312	16.308	ug/l	99
15) Acrylonitrile	3.12	53	268284	103.452	ug/l	98
16) Acetone	2.42	43	242994	96.057	ug/l	99
17) Carbon Disulfide	2.55	76	184361	13.710	ug/l	100
18) Methyl Acetate	2.75	43	128026	21.547	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	290142	18.388	ug/l	98
20) Methylene Chloride	2.84	84	90402	16.693	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	79022	16.487	ug/l	97
22) Diisopropyl ether	3.83	45	296198	19.218	ug/l	99
23) Vinyl Acetate	3.79	43	1060591	79.938	ug/l	100
24) 1,1-Dichloroethane	3.67	63	158597	17.973	ug/l	98
25) 2-Butanone	4.64	43	367733	101.551	ug/l	99
26) 2,2-Dichloropropane	4.56	77	143089	18.024	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	90379	16.988	ug/l	99
28) Bromochloromethane	4.98	49	92934	22.881	ug/l	98
29) Tetrahydrofuran	5.10	42	233970	103.848	ug/l	98
30) Chloroform	5.18	83	173491	19.081	ug/l	100
31) Cyclohexane	5.55	56	127995	17.830	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	158055	18.492	ug/l	99
36) 1,1-Dichloropropene	5.77	75	107168	16.529	ug/l	98
37) Ethyl Acetate	4.80	43	125498	17.988	ug/l	98
38) Carbon Tetrachloride	5.76	117	138126	17.362	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081920\
 Data File : VX017965.D
 Acq On : 18 Aug 2020 18:35
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:40 AM

Quant Time: Aug 19 03:08:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124917	16.326	ug/l	97
40) Benzene	6.12	78	332283	17.925	ug/l	98
41) Methacrylonitrile	5.01	41	73591	18.051	ug/l	98
42) 1,2-Dichloroethane	6.16	62	142651	18.757	ug/l	100
43) Isopropyl Acetate	6.42	43	206795	18.115	ug/l	99
44) Trichloroethene	7.19	130	93555	17.151	ug/l	94
45) 1,2-Dichloropropane	7.49	63	95694	18.365	ug/l	100
46) Dibromomethane	7.64	93	66105	17.989	ug/l	96
47) Bromodichloromethane	7.88	83	137271	18.212	ug/l	96
48) Methyl methacrylate	7.75	41	101912	17.357	ug/l	98
49) 1,4-Dioxane	7.71	88	43261	383.012	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	740274	104.851	ug/l	99
52) Toluene	8.77	92	214303	17.914	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	147262	18.050	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	160752	19.224	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	101115	20.134	ug/l	97
56) Ethyl methacrylate	9.16	69	133744	17.913	ug/l	99
57) 1,3-Dichloropropane	9.35	76	161321	19.609	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	314015	81.270	ug/l	100
59) 2-Hexanone	9.48	43	555513	105.129	ug/l	99
60) Dibromochloromethane	9.57	129	123133	19.403	ug/l	100
61) 1,2-Dibromoethane	9.65	107	108099	20.046	ug/l	100
64) Tetrachloroethene	9.32	164	101482	17.296	ug/l	94
65) Chlorobenzene	10.12	112	247465	17.297	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	106442	18.344	ug/l	99
67) Ethyl Benzene	10.24	91	404526	17.025	ug/l	98
68) m/p-Xylenes	10.34	106	309290	33.854	ug/l	99
69) o-Xylene	10.68	106	144090	16.324	ug/l	99
70) Styrene	10.70	104	256605	17.050	ug/l	98
71) Bromoform	10.84	173	93157	18.590	ug/l #	99
73) Isopropylbenzene	11.00	105	412611	17.736	ug/l	99
74) N-amyl acetate	10.88	43	183210	17.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	146414	19.796	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	137624m	19.590	ug/l	
77) Bromobenzene	11.24	156	115673	17.775	ug/l	98
78) n-propylbenzene	11.35	91	469395	17.810	ug/l	100
79) 2-Chlorotoluene	11.40	91	293083	17.980	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	362092	18.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	50661	18.152	ug/l	97
82) 4-Chlorotoluene	11.49	91	349391	18.301	ug/l	98
83) tert-Butylbenzene	11.76	119	346156	18.344	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	373655	18.671	ug/l	98
85) sec-Butylbenzene	11.93	105	410826	18.544	ug/l	100
86) p-Isopropyltoluene	12.05	119	389468	18.513	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	205718	18.513	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	209385	18.141	ug/l	99
89) n-Butylbenzene	12.37	91	295963	15.891	ug/l	99
90) Hexachloroethane	12.58	117	75773	18.182	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	193917	17.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33935	16.837	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017965.D
Acq On : 18 Aug 2020 18:35
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
8/19/2020 8:53:40 AM

Quant Time: Aug 19 03:08:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 02:55:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	117101	15.965	ug/l	99
94) Hexachlorobutadiene	13.77	225	50851	15.091	ug/l	91
95) Naphthalene	13.82	128	371659	16.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	120646	16.464	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017965.D
Acq On : 18 Aug 2020 18:35
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

MMDadoda
8/19/2020 8:53:40 AM

Quant Time: Aug 19 03:08:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 02:55:45 2020
Response via : Initial Calibration

