

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017994.D
 Acq On : 19 Aug 2020 18:45
 Operator : JC/SP
 Sample : L3718-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:08 AM

Quant Time: Aug 20 05:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	439327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	690719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324508	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	288267	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.46	113	231511	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
50) Toluene-d8	8.70	98	786127	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.12	95	327905	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	313531	47.282	ug/l	93
3) Chloromethane	1.31	50	311124	51.784	ug/l	100
4) Vinyl Chloride	1.39	62	304668	49.024	ug/l	99
5) Bromomethane	1.62	94	186682	55.524	ug/l	97
6) Chloroethane	1.71	64	171974	52.195	ug/l	100
7) Trichlorofluoromethane	1.92	101	468191	50.891	ug/l	99
8) Diethyl Ether	2.17	74	128559	47.948	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	207942	48.058	ug/l	98
10) Methyl Iodide	2.49	142	229954	41.213	ug/l	99
11) Tert butyl alcohol	3.02	59	283250	227.796	ug/l	99
12) 1,1-Dichloroethene	2.36	96	191381	48.330	ug/l	94
13) Acrolein	2.28	56	36751	55.951	ug/l	99
14) Allyl chloride	2.71	41	334511	47.364	ug/l	100
15) Acrylonitrile	3.12	53	699012	257.414	ug/l	99
16) Acetone	2.42	43	627442	247.644	ug/l	100
17) Carbon Disulfide	2.55	76	487828	50.774	ug/l	99
18) Methyl Acetate	2.75	43	300161	47.081	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	803700	53.086	ug/l	100
20) Methylene Chloride	2.84	84	226035	48.422	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	204050	50.124	ug/l	90
22) Diisopropyl ether	3.83	45	791596	53.468	ug/l	99
23) Vinyl Acetate	3.79	43	2784442	246.107	ug/l	99
24) 1,1-Dichloroethane	3.67	63	424650	51.741	ug/l	97
25) 2-Butanone	4.64	43	952133	248.226	ug/l	97
26) 2,2-Dichloropropane	4.55	77	336086	44.969	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	263408	54.851	ug/l	98
28) Bromochloromethane	4.98	49	192245	45.326	ug/l	99
29) Tetrahydrofuran	5.09	42	615345	258.305	ug/l	100
30) Chloroform	5.18	83	439877	49.035	ug/l	99
31) Cyclohexane	5.55	56	345425	51.903	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	405189	49.791	ug/l	99
36) 1,1-Dichloropropene	5.77	75	284380	49.189	ug/l	98
37) Ethyl Acetate	4.80	43	308679	44.624	ug/l	99
38) Carbon Tetrachloride	5.76	117	370130	49.467	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081920\
 Data File : VX017994.D
 Acq On : 19 Aug 2020 18:45
 Operator : JC/SP
 Sample : L3718-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MSD

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:08 AM

Quant Time: Aug 20 05:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351736	47.543	ug/l	94
40) Benzene	6.12	78	872830	50.125	ug/l	100
41) Methacrylonitrile	5.01	41	203454	51.316	ug/l	99
42) 1,2-Dichloroethane	6.17	62	362702	49.037	ug/l	100
43) Isopropyl Acetate	6.42	43	539289	48.295	ug/l	99
44) Trichloroethene	7.19	130	259336	50.222	ug/l	94
45) 1,2-Dichloropropane	7.49	63	234571	47.016	ug/l	96
46) Dibromomethane	7.64	93	166081	47.697	ug/l	97
47) Bromodichloromethane	7.88	83	362376	47.939	ug/l	99
48) Methyl methacrylate	7.75	41	278389	50.290	ug/l	97
49) 1,4-Dioxane	7.71	88	98006	864.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1765240	234.792	ug/l	100
52) Toluene	8.77	92	583562	51.224	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	414305	51.821	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	386665	46.385	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	256142	48.941	ug/l	98
56) Ethyl methacrylate	9.16	69	380210	51.381	ug/l	96
57) 1,3-Dichloropropane	9.35	76	403123	48.499	ug/l	99
59) 2-Hexanone	9.48	43	1444660	253.586	ug/l	99
60) Dibromochloromethane	9.57	129	325636	49.818	ug/l	99
61) 1,2-Dibromoethane	9.65	107	261868	45.172	ug/l	98
64) Tetrachloroethene	9.32	164	225683	47.408	ug/l	93
65) Chlorobenzene	10.12	112	624713	50.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	265887	50.799	ug/l	99
67) Ethyl Benzene	10.24	91	1097391	53.799	ug/l	99
68) m/p-Xylenes	10.34	106	846004	107.731	ug/l	98
69) o-Xylene	10.68	106	444545	58.704	ug/l	97
70) Styrene	10.70	104	762355	58.353	ug/l	99
71) Bromoform	10.84	173	255630	54.414	ug/l #	100
73) Isopropylbenzene	11.01	105	1163123	55.686	ug/l	100
74) N-amyl acetate	10.88	43	509188	54.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	365642	50.182	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	349330m	50.619	ug/l	
77) Bromobenzene	11.24	156	303271	52.333	ug/l	99
78) n-propylbenzene	11.35	91	1297475	53.110	ug/l	99
79) 2-Chlorotoluene	11.41	91	787956	52.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	969067	52.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	138866	52.863	ug/l	98
82) 4-Chlorotoluene	11.49	91	933511	53.319	ug/l	100
83) tert-Butylbenzene	11.76	119	973924	56.249	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1003801	52.885	ug/l	100
85) sec-Butylbenzene	11.93	105	1097965	52.531	ug/l	100
86) p-Isopropyltoluene	12.05	119	1056494	54.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	537647	50.975	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	536984	51.968	ug/l	98
89) n-Butylbenzene	12.37	91	886910	55.116	ug/l	98
90) Hexachloroethane	12.58	117	216457	55.977	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	528413	54.271	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105986	57.102	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	341645	53.337	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017994.D
Acq On : 19 Aug 2020 18:45
Operator : JC/SP
Sample : L3718-08MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260MSD

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:08 AM

Quant Time: Aug 20 05:28:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	141628	51.811	ug/l	95
95) Naphthalene	13.82	128	1134953	56.133	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	341763	52.471	ug/l	97

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

