

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018158.D
 Acq On : 31 Aug 2020 19:19
 Operator : JC/SP
 Sample : L3831-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:35 AM

Quant Time: Sep 01 06:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	428883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	669567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	671130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	360702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	319065	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	5.46	113	252676	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	8.70	98	891119	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.12	95	368497	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	265870	50.916	ug/l	95
3) Chloromethane	1.31	50	264343	48.017	ug/l	96
4) Vinyl Chloride	1.39	62	253185	46.200	ug/l	96
5) Bromomethane	1.62	94	156824	59.329	ug/l	95
6) Chloroethane	1.70	64	151407	51.440	ug/l	95
7) Trichlorofluoromethane	1.91	101	423821	56.717	ug/l	98
8) Diethyl Ether	2.17	74	130968	51.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212047	52.489	ug/l	98
10) Methyl Iodide	2.49	142	221880	51.193	ug/l	98
11) Tert butyl alcohol	3.02	59	280422	242.229	ug/l	100
12) 1,1-Dichloroethene	2.35	96	211005	50.344	ug/l	97
13) Acrolein	2.28	56	147679	307.651	ug/l	98
14) Allyl chloride	2.70	41	377385	50.117	ug/l	97
15) Acrylonitrile	3.12	53	648470	246.938	ug/l	99
16) Acetone	2.42	43	577745	249.024	ug/l	95
17) Carbon Disulfide	2.54	76	587334	46.355	ug/l	100
18) Methyl Acetate	2.75	43	285456	50.988	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	764494	53.186	ug/l	100
20) Methylene Chloride	2.83	84	238243	50.228	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	232120	49.988	ug/l	97
22) Diisopropyl ether	3.83	45	763075	51.344	ug/l	96
23) Vinyl Acetate	3.79	43	3271666	247.394	ug/l	100
24) 1,1-Dichloroethane	3.67	63	429243	50.737	ug/l	99
25) 2-Butanone	4.64	43	910944	238.911	ug/l	99
26) 2,2-Dichloropropane	4.55	77	332810	48.348	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	263496	49.250	ug/l	98
28) Bromochloromethane	4.98	49	204770	50.143	ug/l	98
29) Tetrahydrofuran	5.09	42	581646	239.635	ug/l	97
30) Chloroform	5.18	83	453840	51.807	ug/l	93
31) Cyclohexane	5.55	56	350464	49.177	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	426111	53.005	ug/l	100
36) 1,1-Dichloropropene	5.77	75	324635	52.566	ug/l	99
37) Ethyl Acetate	4.79	43	340084	47.413	ug/l	100
38) Carbon Tetrachloride	5.76	117	395356	56.806	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018158.D
 Acq On : 31 Aug 2020 19:19
 Operator : JC/SP
 Sample : L3831-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:35 AM

Quant Time: Sep 01 06:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344959	51.082	ug/l	98
40) Benzene	6.11	78	935206	51.536	ug/l	98
41) Methacrylonitrile	5.00	41	198590	50.425	ug/l	98
42) 1,2-Dichloroethane	6.17	62	379008	54.513	ug/l	98
43) Isopropyl Acetate	6.42	43	569287	49.139	ug/l	99
44) Trichloroethene	7.19	130	274029	53.443	ug/l	99
45) 1,2-Dichloropropane	7.49	63	256026	52.348	ug/l	96
46) Dibromomethane	7.64	93	176684	51.372	ug/l	98
47) Bromodichloromethane	7.88	83	376825	54.873	ug/l	99
48) Methyl methacrylate	7.74	41	289495	50.196	ug/l	97
49) 1,4-Dioxane	7.72	88	104909	1004.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1824046	254.885	ug/l	99
52) Toluene	8.76	92	602870	52.393	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	395002	51.899	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	400944	49.729	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	255269	52.016	ug/l	99
56) Ethyl methacrylate	9.16	69	382034	52.365	ug/l	99
57) 1,3-Dichloropropane	9.35	76	417290	51.553	ug/l	99
59) 2-Hexanone	9.48	43	1429543	262.707	ug/l	100
60) Dibromochloromethane	9.57	129	314983	54.713	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285586	53.601	ug/l	96
64) Tetrachloroethene	9.32	164	246980	50.078	ug/l	92
65) Chlorobenzene	10.12	112	675075	50.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	276125	52.267	ug/l	99
67) Ethyl Benzene	10.23	91	1188495	52.139	ug/l	97
68) m/p-Xylenes	10.34	106	903514	106.195	ug/l	98
69) o-Xylene	10.68	106	434623	52.697	ug/l	99
70) Stvrene	10.70	104	747136	53.194	ug/l	98
71) Bromoform	10.84	173	242478	53.811	ug/l #	97
73) Isopropylbenzene	11.00	105	1177037	49.471	ug/l	99
74) N-amyl acetate	10.88	43	518829	45.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	380915	45.384	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	367521m	45.803	ug/l	
77) Bromobenzene	11.24	156	317445	48.268	ug/l	97
78) n-propylbenzene	11.34	91	1355610	50.180	ug/l	99
79) 2-Chlorotoluene	11.40	91	826234	49.503	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1023130	52.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	133467	44.924	ug/l	96
82) 4-Chlorotoluene	11.49	91	975728	49.176	ug/l	99
83) tert-Butylbenzene	11.76	119	1001396	51.900	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1054199	52.739	ug/l	99
85) sec-Butylbenzene	11.93	105	1142476	52.068	ug/l	99
86) p-Isopropyltoluene	12.05	119	1062868	52.735	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	560585	48.549	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	558183	48.280	ug/l	98
89) n-Butylbenzene	12.37	91	906221	49.262	ug/l	99
90) Hexachloroethane	12.58	117	214620	54.123	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	542381	49.901	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99683	47.500	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	350705	48.387	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
Data File : VX018158.D
Acq On : 31 Aug 2020 19:19
Operator : JC/SP
Sample : L3831-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:35 AM

Quant Time: Sep 01 06:48:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	126527	44.259	ug/l	91
95) Naphthalene	13.82	128	1170516	49.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	346175	48.337	ug/l	99

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

