

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018044.D
 Acq On : 20 Aug 2020 20:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:08 AM

Quant Time: Aug 21 02:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	578708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	905703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	386312	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	5.47	113	311975	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	8.70	98	1169914	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	460787	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	372799	58.933	ug/l	100
3) Chloromethane	1.31	50	365629	51.060	ug/l	100
4) Vinyl Chloride	1.39	62	373664	49.218	ug/l	100
5) Bromomethane	1.62	94	182390	47.813	ug/l	100
6) Chloroethane	1.71	64	203002	44.976	ug/l	100
7) Trichlorofluoromethane	1.92	101	510939	51.075	ug/l	100
8) Diethyl Ether	2.17	74	170466	41.747	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	270863	47.556	ug/l	100
10) Methyl Iodide	2.49	142	274050	38.019	ug/l	100
11) Tert butyl alcohol	3.02	59	384743	208.102	ug/l	100
12) 1,1-Dichloroethene	2.36	96	277790	46.673	ug/l	100
13) Acrolein	2.28	56	158702	144.690	ug/l	100
14) Allyl chloride	2.71	41	517905	47.361	ug/l	100
15) Acrylonitrile	3.12	53	879085	224.130	ug/l	100
16) Acetone	2.42	43	745128	223.463	ug/l	100
17) Carbon Disulfide	2.55	76	809195	40.136	ug/l	100
18) Methyl Acetate	2.75	43	376560	45.707	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	979324	47.701	ug/l	100
20) Methylene Chloride	2.83	84	328488	47.007	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	303468	45.602	ug/l	100
22) Diisopropyl ether	3.83	45	1016591	48.965	ug/l	100
23) Vinyl Acetate	3.79	43	4639224	253.624	ug/l	100
24) 1,1-Dichloroethane	3.67	63	573838	49.331	ug/l	100
25) 2-Butanone	4.64	43	1277799	236.624	ug/l	100
26) 2,2-Dichloropropane	4.55	77	456691	43.801	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	348115	47.774	ug/l	100
28) Bromochloromethane	4.98	49	268315	50.162	ug/l	100
29) Tetrahydrofuran	5.09	42	833013	233.054	ug/l	100
30) Chloroform	5.18	83	588862	50.645	ug/l	100
31) Cyclohexane	5.55	56	483414	46.591	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	538242	50.864	ug/l	100
36) 1,1-Dichloropropene	5.77	75	438771	47.748	ug/l	100
37) Ethyl Acetate	4.80	43	496663	47.074	ug/l	100
38) Carbon Tetrachloride	5.75	117	495157	52.291	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018044.D
 Acq On : 20 Aug 2020 20:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:08 AM

Quant Time: Aug 21 02:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	485222	44.584	ug/l	100
40) Benzene	6.11	78	1264445	47.240	ug/l	100
41) Methacrylonitrile	5.01	41	271972	47.666	ug/l	100
42) 1,2-Dichloroethane	6.17	62	484192	49.707	ug/l	100
43) Isopropyl Acetate	6.42	43	821383	48.472	ug/l	100
44) Trichloroethene	7.19	130	359464	38.849	ug/l	100
45) 1,2-Dichloropropane	7.49	63	346355	50.622	ug/l	100
46) Dibromomethane	7.64	93	237423	50.846	ug/l	100
47) Bromodichloromethane	7.88	83	489106	51.561	ug/l	100
48) Methyl methacrylate	7.75	41	407920	50.469	ug/l	100
49) 1,4-Dioxane	7.71	88	156303	833.353	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2595517	250.249	ug/l	100
52) Toluene	8.77	92	813962	48.674	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	544726	48.560	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	570257	48.690	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	344894	51.839	ug/l	100
56) Ethyl methacrylate	9.16	69	528420	49.353	ug/l	100
57) 1,3-Dichloropropane	9.35	76	571346	49.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1156981	208.387	ug/l	100
59) 2-Hexanone	9.48	43	2007628	246.796	ug/l	100
60) Dibromochloromethane	9.57	129	410143	55.417	ug/l	100
61) 1,2-Dibromoethane	9.65	107	375363	52.159	ug/l	100
64) Tetrachloroethene	9.32	164	334643	32.107	ug/l	100
65) Chlorobenzene	10.12	112	914834	48.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	364493	51.732	ug/l	100
67) Ethyl Benzene	10.24	91	1600649	47.791	ug/l	100
68) m/p-Xylenes	10.34	106	1221435	97.304	ug/l	100
69) o-Xylene	10.68	106	578209	48.008	ug/l	100
70) Styrene	10.70	104	1016235	49.578	ug/l	100
71) Bromoform	10.84	173	315675	54.749	ug/l	100
73) Isopropylbenzene	11.01	105	1574584	47.866	ug/l	100
74) N-amyl acetate	10.88	43	766107	49.610	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	514839	79.286	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	499717m	48.563	ug/l	
77) Bromobenzene	11.24	156	410625	48.009	ug/l	100
78) n-propylbenzene	11.35	91	1775421	46.503	ug/l	100
79) 2-Chlorotoluene	11.40	91	1091093	48.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1326303	47.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	190760	45.172	ug/l	100
82) 4-Chlorotoluene	11.49	91	1285946	47.991	ug/l	100
83) tert-Butylbenzene	11.76	119	1273333	52.132	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1345486	47.849	ug/l	100
85) sec-Butylbenzene	11.93	105	1473264	45.865	ug/l	100
86) p-Isopropyltoluene	12.05	119	1376737	46.168	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	715497	46.766	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	719607	46.396	ug/l	100
89) n-Butylbenzene	12.37	91	1206499	44.377	ug/l	100
90) Hexachloroethane	12.58	117	261863	50.442	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	700533	47.430	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128595	47.335	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
Data File : VX018044.D
Acq On : 20 Aug 2020 20:08
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
8/21/2020 11:23:08 AM

Quant Time: Aug 21 02:50:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 02:36:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	461784	42.796	ug/l	100
94) Hexachlorobutadiene	13.77	225	178024	36.498	ug/l	100
95) Naphthalene	13.82	128	1578372	45.159	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	447982	42.742	ug/l	100

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

