

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015241.D
 Acq On : 12 Mar 2020 18:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:55 AM

Quant Time: Mar 13 04:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	269760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	415131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	195174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	154702	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	130895	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.71	98	475152	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	173063	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	111260	47.100	ug/l	99
3) Chloromethane	1.31	50	159094	47.546	ug/l	99
4) Vinyl Chloride	1.40	62	162051	47.761	ug/l	98
5) Bromomethane	1.63	94	98116	47.036	ug/l	99
6) Chloroethane	1.72	64	100863	49.556	ug/l	98
7) Trichlorofluoromethane	1.92	101	204558	50.668	ug/l	98
8) Diethyl Ether	2.18	74	92339	50.497	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126892	49.956	ug/l	99
10) Methyl Iodide	2.50	142	129997	45.300	ug/l	99
11) Tert butyl alcohol	3.03	59	156684	282.181	ug/l	99
12) 1,1-Dichloroethene	2.36	96	126139	48.118	ug/l	99
13) Acrolein	2.28	56	119765	229.517	ug/l	100
14) Allyl chloride	2.72	41	245170	53.637	ug/l	93
15) Acrylonitrile	3.13	53	402315	290.938	ug/l	98
16) Acetone	2.43	43	312131	240.826	ug/l	98
17) Carbon Disulfide	2.56	76	331012	45.468	ug/l	99
18) Methyl Acetate	2.76	43	173511	54.750	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	433018	52.860	ug/l	99
20) Methylene Chloride	2.84	84	150440	49.598	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	138353	49.427	ug/l	97
22) Diisopropyl ether	3.84	45	498953	54.789	ug/l	95
23) Vinyl Acetate	3.80	43	2092532	279.531	ug/l	99
24) 1,1-Dichloroethane	3.69	63	259564	51.355	ug/l	99
25) 2-Butanone	4.65	43	537711	283.384	ug/l	98
26) 2,2-Dichloropropane	4.58	77	193381	48.196	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	163098	51.938	ug/l	99
28) Bromochloromethane	5.00	49	122105	53.054	ug/l	97
29) Tetrahydrofuran	5.11	42	358319	292.953	ug/l	96
30) Chloroform	5.20	83	250020	50.752	ug/l	99
31) Cyclohexane	5.58	56	231075	51.256	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	209347	51.265	ug/l	98
36) 1,1-Dichloropropene	5.79	75	190414	49.617	ug/l	99
37) Ethyl Acetate	4.82	43	210826	59.223	ug/l	98
38) Carbon Tetrachloride	5.78	117	179924	49.669	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015241.D
 Acq On : 12 Mar 2020 18:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:55 AM

Quant Time: Mar 13 04:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229858	51.294	ug/l	98
40) Benzene	6.14	78	583710	51.266	ug/l	99
41) Methacrylonitrile	5.03	41	120895	56.539	ug/l	97
42) 1,2-Dichloroethane	6.18	62	192731	49.291	ug/l	98
43) Isopropyl Acetate	6.44	43	346749	55.369	ug/l	99
44) Trichloroethene	7.21	130	160996	50.773	ug/l	97
45) 1,2-Dichloropropane	7.51	63	157681	53.503	ug/l	96
46) Dibromomethane	7.65	93	98753	51.425	ug/l	97
47) Bromodichloromethane	7.89	83	181986	47.923	ug/l	100
48) Methyl methacrylate	7.76	41	159900	50.166	ug/l	98
49) 1,4-Dioxane	7.73	88	71061	1031.138	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1006729	271.886	ug/l	100
52) Toluene	8.78	92	341075	48.992	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	204300	50.545	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229147	50.148	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	138482	48.328	ug/l	98
56) Ethyl methacrylate	9.17	69	223220	54.615	ug/l	96
57) 1,3-Dichloropropane	9.37	76	237493	49.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	562473	252.615	ug/l	99
59) 2-Hexanone	9.48	43	753227	274.456	ug/l	99
60) Dibromochloromethane	9.57	129	150287	49.929	ug/l	99
61) 1,2-Dibromoethane	9.67	107	143959	47.831	ug/l	99
64) Tetrachloroethene	9.33	164	153166	50.721	ug/l	97
65) Chlorobenzene	10.14	112	375190	51.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	138724	50.173	ug/l	98
67) Ethyl Benzene	10.25	91	659599	52.974	ug/l	98
68) m/p-Xylenes	10.36	106	501767	105.918	ug/l	100
69) o-Xylene	10.70	106	241159	53.169	ug/l	99
70) Styrene	10.71	104	426663	54.862	ug/l	99
71) Bromoform	10.86	173	118439	55.240	ug/l #	99
73) Isopropylbenzene	11.01	105	650414	52.167	ug/l	99
74) N-amyl acetate	10.89	43	289143	55.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	207792	50.009	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	203270m	52.212	ug/l	
77) Bromobenzene	11.25	156	173772	50.012	ug/l	97
78) n-propylbenzene	11.35	91	738701	51.860	ug/l	100
79) 2-Chlorotoluene	11.42	91	434075	51.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	534868	51.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69396	50.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	501233	49.874	ug/l	99
83) tert-Butylbenzene	11.76	119	536819	53.491	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	550337	52.781	ug/l	99
85) sec-Butylbenzene	11.94	105	633492	52.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	589617	52.825	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	307579	50.355	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	311218	49.351	ug/l	99
89) n-Butylbenzene	12.39	91	511221	51.497	ug/l	99
90) Hexachloroethane	12.59	117	103236	48.923	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	307145	50.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43892	52.753	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
Data File : VX015241.D
Acq On : 12 Mar 2020 18:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:55 AM

Quant Time: Mar 13 04:35:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	224977	53.370	ug/l	99
94) Hexachlorobutadiene	13.78	225	113655	52.542	ug/l	99
95) Naphthalene	13.83	128	644889	49.920	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	223247	53.080	ug/l	99

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

