

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004314.D
 Acq On : 30 Aug 2018 01:38
 Operator : JC/MD
 Sample : J4681-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:40 PM

Quant Time: Aug 30 07:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	294153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186499	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	5.50	113	163301	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.72	98	601481	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	224312	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	163061	47.86	ug/l	95
3) Chloromethane	1.32	50	182118	48.37	ug/l	100
4) Vinyl Chloride	1.40	62	191941	49.80	ug/l	99
5) Bromomethane	1.63	94	88125	46.23	ug/l	99
6) Chloroethane	1.71	64	127893	46.71	ug/l	99
7) Trichlorofluoromethane	1.92	101	258978	49.03	ug/l	95
8) Diethyl Ether	2.18	74	117954	52.15	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156412	47.28	ug/l	99
10) Methyl Iodide	2.51	142	178913	48.11	ug/l	99
11) Tert butyl alcohol	3.09	59	230884	282.51	ug/l	100
12) 1,1-Dichloroethene	2.37	96	152051	48.79	ug/l	98
13) Acrolein	2.29	56	53811	273.11	ug/l	98
14) Allyl chloride	2.72	41	279190	48.76	ug/l	97
15) Acrylonitrile	3.15	53	537850	265.75	ug/l	100
16) Acetone	2.45	43	446524	286.49	ug/l	99
17) Carbon Disulfide	2.56	76	399381	46.21	ug/l	99
18) Methyl Acetate	2.78	43	256992	45.17	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	529307	51.54	ug/l	98
20) Methylene Chloride	2.85	84	178951	48.49	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	165760	48.06	ug/l	95
22) Diisopropyl ether	3.87	45	531007	49.67	ug/l	99
23) Vinyl Acetate	3.82	43	1415335	163.36	ug/l	99
24) 1,1-Dichloroethane	3.69	63	322662	51.79	ug/l	99
25) 2-Butanone	4.71	43	708951	276.27	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131773	26.97	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	193075	49.35	ug/l	95
28) Bromochloromethane	5.02	49	143469	52.02	ug/l	99
29) Tetrahydrofuran	5.17	42	449148	272.67	ug/l	99
30) Chloroform	5.21	83	319674	51.18	ug/l	97
31) Cyclohexane	5.57	56	261007	48.56	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	267670	51.39	ug/l	99
36) 1,1-Dichloropropene	5.79	75	235364	48.61	ug/l	99
37) Ethyl Acetate	4.86	43	178001	37.38	ug/l	99
38) Carbon Tetrachloride	5.78	117	231302	50.78	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082918\
 Data File : VX004314.D
 Acq On : 30 Aug 2018 01:38
 Operator : JC/MD
 Sample : J4681-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:40 PM

Quant Time: Aug 30 07:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	251851	45.56	ug/l	99
40) Benzene	6.14	78	733123	50.67	ug/l	99
41) Methacrylonitrile	5.06	41	149434	54.14	ug/l	99
42) 1,2-Dichloroethane	6.20	62	246488	49.95	ug/l	99
43) Isopropyl Acetate	6.47	43	312808	42.75	ug/l	100
44) Trichloroethene	7.21	130	192787	48.14	ug/l	99
45) 1,2-Dichloropropane	7.52	63	189739	52.40	ug/l	99
46) Dibromomethane	7.67	93	120489	49.97	ug/l	98
47) Bromodichloromethane	7.90	83	235890	52.58	ug/l	98
48) Methyl methacrylate	7.78	41	213192	54.45	ug/l	99
49) 1,4-Dioxane	7.76	88	100193	1127.08	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1391983	261.82	ug/l	100
52) Toluene	8.79	92	461936	51.01	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	237843	48.00	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	256127	47.45	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	189802	51.92	ug/l	99
56) Ethyl methacrylate	9.18	69	275542	55.36	ug/l	99
57) 1,3-Dichloropropane	9.37	76	320429	52.00	ug/l	99
59) 2-Hexanone	9.50	43	1072162	264.34	ug/l	100
60) Dibromochloromethane	9.59	129	189700	53.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	193907	51.25	ug/l	100
64) Tetrachloroethene	9.34	164	218768	55.91	ug/l	98
65) Chlorobenzene	10.14	112	484883	48.78	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	177603	51.80	ug/l	99
67) Ethyl Benzene	10.26	91	813046	50.36	ug/l	98
68) m/p-Xylenes	10.36	106	670702	106.24	ug/l	98
69) o-Xylene	10.70	106	332051	55.61	ug/l	99
70) Stvrene	10.71	104	538149	55.66	ug/l	98
71) Bromoform	10.86	173	150392	54.41	ug/l	99
73) Isopropylbenzene	11.02	105	881310	56.57	ug/l	99
74) N-amyl acetate	10.90	43	232083	38.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	299154	54.87	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	261802m	54.27	ug/l	
77) Bromobenzene	11.26	156	237843	54.43	ug/l	99
78) n-propylbenzene	11.36	91	1004453	56.06	ug/l	100
79) 2-Chlorotoluene	11.42	91	590424	53.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	733866	56.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	71809	48.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	699424	53.90	ug/l	100
83) tert-Butylbenzene	11.77	119	739546	56.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	756841	57.15	ug/l	99
85) sec-Butylbenzene	11.95	105	861306	55.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	740185	53.59	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	427114	51.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408838	47.13	ug/l	97
89) n-Butylbenzene	12.39	91	584155	52.02	ug/l	97
90) Hexachloroethane	12.60	117	108994	56.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	414610	55.14	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54401	56.65	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	284890	52.07	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
Data File : VX004314.D
Acq On : 30 Aug 2018 01:38
Operator : JC/MD
Sample : J4681-09MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Manual Integrations
APPROVED

MMDadoda
8/30/2018 1:38:40 PM

Quant Time: Aug 30 07:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	136075	53.47	ug/l	98
95) Naphthalene	13.83	128	975110	63.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	325549	56.21	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004314.D
 Acq On : 30 Aug 2018 01:38
 Operator : JC/MD
 Sample : J4681-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:40 PM

Quant Time: Aug 30 07:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

