

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003916.D
 Acq On : 08 Aug 2018 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:39:27 AM

Quant Time: Aug 09 03:31:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	333495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	222727	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	182963	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.72	98	707867	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	252718	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158255	46.83	ug/l	100
3) Chloromethane	1.32	50	193039	41.98	ug/l	99
4) Vinyl Chloride	1.40	62	200442	43.71	ug/l	99
5) Bromomethane	1.64	94	121411	50.68	ug/l	99
6) Chloroethane	1.72	64	137226	46.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	278644	46.03	ug/l	99
8) Diethyl Ether	2.19	74	130100	47.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	177790	46.98	ug/l	100
10) Methyl Iodide	2.51	142	206312	43.82	ug/l	99
11) Tert butyl alcohol	3.07	59	247876	233.34	ug/l	100
12) 1,1-Dichloroethene	2.37	96	162818	45.49	ug/l	95
13) Acrolein	2.29	56	94886	171.65	ug/l	99
14) Allyl chloride	2.73	41	319616	46.32	ug/l	99
15) Acrylonitrile	3.15	53	585396	230.94	ug/l	99
16) Acetone	2.45	43	604981	230.03	ug/l	99
17) Carbon Disulfide	2.57	76	442216	43.65	ug/l	100
18) Methyl Acetate	2.78	43	269103	46.99	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	620511	48.92	ug/l	100
20) Methylene Chloride	2.85	84	199940	48.18	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	182984	45.03	ug/l	99
22) Diisopropyl ether	3.87	45	615572	48.53	ug/l	98
23) Vinyl Acetate	3.82	43	2683803	254.31	ug/l	99
24) 1,1-Dichloroethane	3.70	63	348378	46.24	ug/l	100
25) 2-Butanone	4.70	43	952642	240.92	ug/l	98
26) 2,2-Dichloropropane	4.58	77	264982	48.77	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	212067	48.09	ug/l	96
28) Bromochloromethane	5.02	49	160760	49.86	ug/l	99
29) Tetrahydrofuran	5.16	42	487506	239.87	ug/l	100
30) Chloroform	5.21	83	341139	48.10	ug/l	98
31) Cyclohexane	5.57	56	298329	46.82	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	285387	47.98	ug/l	100
36) 1,1-Dichloropropene	5.79	75	254916	47.50	ug/l	99
37) Ethyl Acetate	4.85	43	288170	48.82	ug/l	100
38) Carbon Tetrachloride	5.78	117	247146	48.39	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080818\
 Data File : VX003916.D
 Acq On : 08 Aug 2018 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:39:27 AM

Quant Time: Aug 09 03:31:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312082	49.33	ug/l	100
40) Benzene	6.14	78	785430	48.74	ug/l	100
41) Methacrylonitrile	5.06	41	161872	49.79	ug/l	99
42) 1,2-Dichloroethane	6.20	62	275379	50.54	ug/l	100
43) Isopropyl Acetate	6.46	43	448873	50.53	ug/l	100
44) Trichloroethene	7.21	130	211515	48.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	204039	49.04	ug/l	100
46) Dibromomethane	7.67	93	133324	49.35	ug/l	100
47) Bromodichloromethane	7.90	83	258028	50.70	ug/l	100
48) Methyl methacrylate	7.77	41	233297	51.67	ug/l	98
49) 1,4-Dioxane	7.76	88	108250	1017.64	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1885355	256.05	ug/l	100
52) Toluene	8.79	92	503277	49.43	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	299773	52.11	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	323861	52.21	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	209114	50.26	ug/l	99
56) Ethyl methacrylate	9.18	69	321309	53.23	ug/l	100
57) 1,3-Dichloropropane	9.37	76	352496	50.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	765349	257.84	ug/l	100
59) 2-Hexanone	9.50	43	1436630	261.02	ug/l	99
60) Dibromochloromethane	9.59	129	212275	54.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	219616	52.72	ug/l	100
64) Tetrachloroethene	9.34	164	205623	46.62	ug/l	96
65) Chlorobenzene	10.14	112	565814	48.50	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	194274	48.44	ug/l	96
67) Ethyl Benzene	10.25	91	955673	50.04	ug/l	96
68) m/p-Xylenes	10.36	106	745774	99.94	ug/l	95
69) o-Xylene	10.70	106	368325	52.29	ug/l	99
70) Styrene	10.71	104	629713	54.60	ug/l	97
71) Bromoform	10.86	173	163840	48.29	ug/l	99
73) Isopropylbenzene	11.02	105	979123	50.46	ug/l	97
74) N-amyl acetate	6.46	43	448873	44.48	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	300764	45.22	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	307835m	53.13	ug/l	
77) Bromobenzene	11.26	156	250978	48.49	ug/l	93
78) n-propylbenzene	11.36	91	1041630	47.81	ug/l	100
79) 2-Chlorotoluene	11.42	91	630760	47.48	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	770889	48.72	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.08	75	96937	45.71	ug/l	98
82) 4-Chlorotoluene	11.51	91	731867	47.02	ug/l	99
83) tert-Butylbenzene	11.77	119	772081	49.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	799197	50.24	ug/l	98
85) sec-Butylbenzene	11.94	105	922775	50.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	803391	48.74	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	451694	47.20	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	466122	50.81	ug/l	99
89) n-Butylbenzene	12.39	91	692418	48.21	ug/l	99
90) Hexachloroethane	12.60	117	122410	45.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	433698	45.73	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61928	45.46	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003916.D
Acq On : 08 Aug 2018 11:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/9/2018 10:39:27 AM

Quant Time: Aug 09 03:31:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	346883	50.85	ug/l	97
94) Hexachlorobutadiene	13.79	225	158406	52.61	ug/l	99
95) Naphthalene	13.83	128	1073673	54.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	368329	54.11	ug/l	100

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

