

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004044.D
 Acq On : 14 Aug 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 15 15:00:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	440366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219400	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
35) Dibromofluoromethane	5.50	113	172254	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.72	98	696753	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.14	95	260641	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150605	53.91	ug/l	100
3) Chloromethane	1.32	50	176259	51.41	ug/l	99
4) Vinyl Chloride	1.40	62	193986	52.29	ug/l	99
5) Bromomethane	1.64	94	100287	53.36	ug/l	99
6) Chloroethane	1.72	64	133547	54.91	ug/l	99
7) Trichlorofluoromethane	1.93	101	270180	51.92	ug/l	98
8) Diethyl Ether	2.18	74	116571	51.31	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	163860	50.48	ug/l	100
10) Methyl Iodide	2.51	142	163006	47.31	ug/l	100
11) Tert butyl alcohol	3.05	59	213223	261.84	ug/l	99
12) 1,1-Dichloroethene	2.38	96	158571	52.52	ug/l	95
13) Acrolein	2.29	56	140851	254.72	ug/l	99
14) Allyl chloride	2.73	41	288639	50.24	ug/l	97
15) Acrylonitrile	3.14	53	537513	264.74	ug/l	100
16) Acetone	2.44	43	546461	259.91	ug/l	99
17) Carbon Disulfide	2.57	76	438395	51.19	ug/l	99
18) Methyl Acetate	2.77	43	243845	52.19	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	550403	51.74	ug/l	100
20) Methylene Chloride	2.86	84	185841	54.13	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	172898	50.42	ug/l	100
22) Diisopropyl ether	3.86	45	576604	51.22	ug/l	# 90
23) Vinyl Acetate	3.82	43	2458842	265.93	ug/l	100
24) 1,1-Dichloroethane	3.70	63	330554	51.84	ug/l	100
25) 2-Butanone	4.70	43	904350	264.36	ug/l	99
26) 2,2-Dichloropropane	4.59	77	210757	41.57	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	199960	51.86	ug/l	96
28) Bromochloromethane	5.02	49	156124	53.37	ug/l	95
29) Tetrahydrofuran	5.15	42	452296	258.79	ug/l	98
30) Chloroform	5.22	83	319732	51.38	ug/l	100
31) Cyclohexane	5.58	56	286069	51.18	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	271105	52.13	ug/l	99
36) 1,1-Dichloropropene	5.80	75	245445	47.67	ug/l	100
37) Ethyl Acetate	4.85	43	273555	48.78	ug/l	100
38) Carbon Tetrachloride	5.79	117	244792	48.93	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004044.D
 Acq On : 14 Aug 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 15 15:00:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	290275	49.69	ug/l	98
40) Benzene	6.15	78	769679	49.78	ug/l	100
41) Methacrylonitrile	5.06	41	149854	47.72	ug/l	99
42) 1,2-Dichloroethane	6.20	62	267299	49.39	ug/l	99
43) Isopropyl Acetate	6.46	43	415690	50.29	ug/l	100
44) Trichloroethene	7.21	130	204365	48.69	ug/l	98
45) 1,2-Dichloropropane	7.52	63	199116	50.31	ug/l	99
46) Dibromomethane	7.67	93	129080	49.90	ug/l	99
47) Bromodichloromethane	7.90	83	249722	50.97	ug/l	100
48) Methyl methacrylate	7.78	41	220873	53.09	ug/l	98
49) 1,4-Dioxane	7.76	88	97187	1037.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1797694	265.26	ug/l	100
52) Toluene	8.79	92	494982	50.62	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	269851	50.99	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	297545	50.77	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	200521	49.66	ug/l	99
56) Ethyl methacrylate	9.18	69	299603	54.56	ug/l	99
57) 1,3-Dichloropropane	9.37	76	339873	50.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	769451	275.18	ug/l	100
59) 2-Hexanone	9.50	43	1377053	269.99	ug/l	100
60) Dibromochloromethane	9.59	129	202151	52.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	210451	51.12	ug/l	99
64) Tetrachloroethene	9.34	164	204946	49.10	ug/l	95
65) Chlorobenzene	10.14	112	538881	47.37	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	191519	49.36	ug/l	98
67) Ethyl Benzene	10.26	91	921140	51.14	ug/l	98
68) m/p-Xylenes	10.36	106	731927	103.77	ug/l	98
69) o-Xylene	10.70	106	350184	51.95	ug/l	96
70) Styrene	10.71	104	603278	53.18	ug/l	98
71) Bromoform	10.86	173	157630	51.24	ug/l #	98
73) Isopropylbenzene	11.02	105	932547	50.61	ug/l	96
74) N-amyl acetate	6.46	43	415690	47.97	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	313188	48.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	355195	65.05	ug/l	85
77) Bromobenzene	11.26	156	248654	48.95	ug/l	99
78) n-propylbenzene	11.36	91	1082010	52.47	ug/l	100
79) 2-Chlorotoluene	11.42	91	635122	50.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	774377	51.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	86323	48.94	ug/l	99
82) 4-Chlorotoluene	11.51	91	735453	49.51	ug/l	100
83) tert-Butylbenzene	11.77	119	781593	51.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	810573	51.87	ug/l	100
85) sec-Butylbenzene	11.95	105	933253	52.42	ug/l	99
86) p-Isopropyltoluene	12.07	119	845550	52.46	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	461622	47.65	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	461875	46.33	ug/l	99
89) n-Butylbenzene	12.39	91	656437	51.69	ug/l	99
90) Hexachloroethane	12.60	117	114457	47.46	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	438072	50.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56328	49.81	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
Data File : VX004044.D
Acq On : 14 Aug 2018 21:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 15 15:00:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296436	49.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	139925	46.74	ug/l	97
95) Naphthalene	13.83	128	979628	51.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	330029	50.68	ug/l	100

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

