

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004645.D
 Acq On : 18 Sep 2018 09:07
 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
 9/19/2018 12:39:17 PM

Quant Time: Sep 18 15:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	262121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149888	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
35) Dibromofluoromethane	5.50	113	134809	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.71	98	452863	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	166479	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	124155	50.539	ug/l	98
3) Chloromethane	1.32	50	163896	48.478	ug/l	96
4) Vinyl Chloride	1.40	62	170517	49.141	ug/l	99
5) Bromomethane	1.64	94	78158	53.886	ug/l	97
6) Chloroethane	1.71	64	104845	46.724	ug/l	99
7) Trichlorofluoromethane	1.92	101	226209	49.175	ug/l	98
8) Diethyl Ether	2.19	74	102746	49.822	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150241	51.485	ug/l	97
10) Methyl Iodide	2.51	142	156242	45.234	ug/l	96
11) Tert butyl alcohol	3.06	59	181101	224.560	ug/l	99
12) 1,1-Dichloroethene	2.37	96	139639	50.985	ug/l	97
13) Acrolein	2.29	56	44574	140.016	ug/l	94
14) Allyl chloride	2.72	41	286268	50.840	ug/l	94
15) Acrylonitrile	3.14	53	469479	241.740	ug/l	98
16) Acetone	2.44	43	377178	228.648	ug/l	95
17) Carbon Disulfide	2.57	76	393677	49.728	ug/l	97
18) Methyl Acetate	2.78	43	222359	48.045	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	466560	48.550	ug/l	# 90
20) Methylene Chloride	2.85	84	167695	49.556	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	148566	49.089	ug/l	95
22) Diisopropyl ether	3.87	45	498802	49.185	ug/l	94
23) Vinyl Acetate	3.82	43	2114326	257.631	ug/l	99
24) 1,1-Dichloroethane	3.69	63	295733	51.651	ug/l	97
25) 2-Butanone	4.69	43	569888	217.070	ug/l	100
26) 2,2-Dichloropropane	4.58	77	216546	55.065	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	172364	51.018	ug/l	99
28) Bromochloromethane	5.01	49	118762	45.347	ug/l	98
29) Tetrahydrofuran	5.15	42	368807	232.942	ug/l	99
30) Chloroform	5.21	83	283932	50.794	ug/l	93
31) Cyclohexane	5.57	56	250719	51.283	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	231600	51.442	ug/l	99
36) 1,1-Dichloropropene	5.80	75	217070	57.752	ug/l	99
37) Ethyl Acetate	4.85	43	217444	50.865	ug/l	99
38) Carbon Tetrachloride	5.79	117	206238	56.177	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004645.D
 Acq On : 18 Sep 2018 09:07
 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
 9/19/2018 12:39:17 PM

Quant Time: Sep 18 15:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236128	60.202	ug/l	93
40) Benzene	6.13	78	651602	58.428	ug/l	99
41) Methacrylonitrile	5.06	41	125498	53.282	ug/l	99
42) 1,2-Dichloroethane	6.20	62	205875	55.660	ug/l	100
43) Isopropyl Acetate	6.46	43	324208	57.100	ug/l	99
44) Trichloroethene	7.21	130	170860	58.972	ug/l	91
45) 1,2-Dichloropropane	7.51	63	151902	56.606	ug/l	95
46) Dibromomethane	7.66	93	91943	54.234	ug/l	98
47) Bromodichloromethane	7.90	83	180650	56.348	ug/l	99
48) Methyl methacrylate	7.77	41	149062	53.047	ug/l	98
49) 1,4-Dioxane	7.75	88	70301	1057.049	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	963179	240.379	ug/l	98
52) Toluene	8.79	92	348839	53.091	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	199302	53.217	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	220787	57.833	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	153621	54.300	ug/l	97
56) Ethyl methacrylate	9.18	69	227512	56.845	ug/l	97
57) 1,3-Dichloropropane	9.37	76	274148	59.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	489354	240.271	ug/l	97
59) 2-Hexanone	9.49	43	848080	275.939	ug/l	96
60) Dibromochloromethane	9.59	129	152918	57.413	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157098	58.128	ug/l	95
64) Tetrachloroethene	9.34	164	219011	59.912	ug/l	94
65) Chlorobenzene	10.14	112	398692	54.820	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	142562	56.843	ug/l	99
67) Ethyl Benzene	10.25	91	674089	57.002	ug/l	98
68) m/p-Xylenes	10.36	106	535124	117.473	ug/l	99
69) o-Xylene	10.70	106	255571	58.358	ug/l	100
70) Styrene	10.71	104	434364	59.868	ug/l	99
71) Bromoform	10.86	173	117920	57.263	ug/l	99
73) Isopropylbenzene	11.02	105	696475	44.730	ug/l	99
74) N-amyl acetate	10.90	43	263774	40.248	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	194928	38.811	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194500m	40.890	ug/l	
77) Bromobenzene	11.26	156	185797	43.171	ug/l	98
78) n-propylbenzene	11.36	91	805056	44.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	466451	42.959	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	597522	45.648	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	65538	43.918	ug/l	95
82) 4-Chlorotoluene	11.51	91	570553	45.021	ug/l	100
83) tert-Butylbenzene	11.77	119	680776	54.629	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	737895	55.213	ug/l	98
85) sec-Butylbenzene	11.94	105	866105	54.539	ug/l	98
86) p-Isopropyltoluene	12.07	119	805505	57.440	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	430575	53.622	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	434664	52.388	ug/l	99
89) n-Butylbenzene	12.39	91	670990	52.507	ug/l	95
90) Hexachloroethane	12.60	117	110994	49.441	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	371074	45.657	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53228	49.634	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004645.D
Acq On : 18 Sep 2018 09:07
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
9/19/2018 12:39:17 PM

Quant Time: Sep 18 15:28:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	327762	56.954	ug/l	99
94) Hexachlorobutadiene	13.79	225	173906	57.852	ug/l	97
95) Naphthalene	13.83	128	907667	56.235	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	332316	56.208	ug/l	99

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

