

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004698.D
 Acq On : 19 Sep 2018 11:53
 Operator : JC/MD
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:35 PM

Quant Time: Sep 19 16:59:06 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	257912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	141233	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
35) Dibromofluoromethane	5.49	113	127650	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	
50) Toluene-d8	8.71	98	453100	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	11.14	95	167310	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46498	19.24	ug/l	90
3) Chloromethane	1.32	50	58195	17.49	ug/l	100
4) Vinyl Chloride	1.40	62	63070	18.47	ug/l	97
5) Bromomethane	1.64	94	32968	22.41	ug/l	88
6) Chloroethane	1.72	64	39678	17.97	ug/l	100
7) Trichlorofluoromethane	1.93	101	82256	18.17	ug/l	95
8) Diethyl Ether	2.18	74	38504	18.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53571	18.66	ug/l	97
10) Methyl Iodide	2.51	142	50206	17.64	ug/l	95
11) Tert butyl alcohol	3.06	59	72770	91.71	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50491	18.74	ug/l	98
13) Acrolein	2.29	56	18719	59.76	ug/l	93
14) Allyl chloride	2.73	41	98238	17.73	ug/l	97
15) Acrylonitrile	3.15	53	171348	89.67	ug/l	99
16) Acetone	2.44	43	137284	84.58	ug/l	97
17) Carbon Disulfide	2.57	76	139528	17.91	ug/l	98
18) Methyl Acetate	2.78	43	86560	19.01	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	183228	19.38	ug/l	96
20) Methylene Chloride	2.85	84	60341	18.12	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	57086	19.17	ug/l	84
22) Diisopropyl ether	3.86	45	188105	18.85	ug/l	# 88
23) Vinyl Acetate	3.81	43	751737	93.09	ug/l	98
24) 1,1-Dichloroethane	3.69	63	112024	19.88	ug/l	98
25) 2-Butanone	4.70	43	215790	83.54	ug/l	97
26) 2,2-Dichloropropane	4.58	77	81717	21.12	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	65438	19.69	ug/l	97
28) Bromochloromethane	5.01	49	43530	16.89	ug/l	95
29) Tetrahydrofuran	5.15	42	139156	89.33	ug/l	98
30) Chloroform	5.22	83	101800	18.51	ug/l	92
31) Cyclohexane	5.57	56	94271	19.60	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	87716	19.80	ug/l	99
36) 1,1-Dichloropropene	5.79	75	79442	20.41	ug/l	100
37) Ethyl Acetate	4.85	43	78622	17.76	ug/l	99
38) Carbon Tetrachloride	5.79	117	75346	19.81	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004698.D
 Acq On : 19 Sep 2018 11:53
 Operator : JC/MD
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0919WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:35 PM

Quant Time: Sep 19 16:59:06 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	84312	20.75	ug/l	97
40) Benzene	6.14	78	235595	20.40	ug/l	99
41) Methacrylonitrile	5.06	41	46084	18.89	ug/l	99
42) 1,2-Dichloroethane	6.19	62	76578	19.99	ug/l	100
43) Isopropyl Acetate	6.45	43	118167	20.09	ug/l	99
44) Trichloroethene	7.21	130	63776	21.25	ug/l	98
45) 1,2-Dichloropropane	7.51	63	56955	20.49	ug/l	97
46) Dibromomethane	7.66	93	36040	20.52	ug/l	96
47) Bromodichloromethane	7.90	83	66703	20.09	ug/l	99
48) Methyl methacrylate	7.77	41	56950	19.57	ug/l	97
49) 1,4-Dioxane	7.75	88	29181	423.60	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	375360	90.44	ug/l	98
52) Toluene	8.79	92	137456	20.20	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74526	19.21	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84803	21.45	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	55691	19.00	ug/l	96
56) Ethyl methacrylate	9.18	69	78328	18.89	ug/l	97
57) 1,3-Dichloropropane	9.37	76	92292	19.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	186286	92.90	ug/l	97
59) 2-Hexanone	9.49	43	286148	89.89	ug/l	98
60) Dibromochloromethane	9.59	129	54760	19.85	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57103	20.40	ug/l	99
64) Tetrachloroethene	9.34	164	79407	20.97	ug/l	99
65) Chlorobenzene	10.14	112	156630	20.79	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	54583	21.01	ug/l	99
67) Ethyl Benzene	10.25	91	257792	21.04	ug/l	97
68) m/p-Xylenes	10.36	106	202266	42.86	ug/l	98
69) o-Xylene	10.70	106	96901	21.36	ug/l	100
70) Styrene	10.71	104	162903	21.67	ug/l	99
71) Bromoform	10.86	173	42781	20.05	ug/l #	98
73) Isopropylbenzene	11.02	105	267338	21.62	ug/l	100
74) N-amyl acetate	10.90	43	99783	19.18	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	74061	18.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75229m	19.92	ug/l	
77) Bromobenzene	11.26	156	71391	20.89	ug/l	99
78) n-propylbenzene	11.36	91	306562	21.57	ug/l	100
79) 2-Chlorotoluene	11.42	91	180481	20.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	225651	21.71	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23482	19.82	ug/l	98
82) 4-Chlorotoluene	11.51	91	211582	21.03	ug/l	98
83) tert-Butylbenzene	11.77	119	210985	21.32	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	230638	21.74	ug/l	99
85) sec-Butylbenzene	11.94	105	274545	21.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	248035	22.28	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	134447	21.09	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	136441	20.71	ug/l	99
89) n-Butylbenzene	12.39	91	211227	20.82	ug/l	98
90) Hexachloroethane	12.60	117	36232	20.33	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	133804	20.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16474	19.35	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004698.D
Acq On : 19 Sep 2018 11:53
Operator : JC/MD
Sample : VX0919WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Manual Integrations
APPROVED

MMDadoda
9/20/2018 1:42:35 PM

Quant Time: Sep 19 16:59:06 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	99037	21.67	ug/l	100
94) Hexachlorobutadiene	13.79	225	52915	22.17	ug/l	98
95) Naphthalene	13.83	128	274792	21.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102160	21.76	ug/l	98

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

