

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003009.D
 Acq On : 29 Jun 2018 02:44
 Operator : JC/MD
 Sample : VX0628WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:52 PM

Quant Time: Jun 29 08:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189082	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	5.51	113	154759	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.72	98	538022	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	202900	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62904	24.44	ug/l	98
3) Chloromethane	1.32	50	59493	21.72	ug/l	99
4) Vinyl Chloride	1.40	62	65242	20.13	ug/l #	87
5) Bromomethane	1.64	94	29509	17.75	ug/l	99
6) Chloroethane	1.73	64	41271	20.46	ug/l	99
7) Trichlorofluoromethane	1.93	101	105021	19.21	ug/l	95
8) Diethyl Ether	2.19	74	37378	18.81	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58658	18.52	ug/l	99
10) Methyl Iodide	2.51	142	45714	18.69	ug/l	99
11) Tert butyl alcohol	3.07	59	81150	102.86	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54487	19.28	ug/l	94
13) Acrolein	2.30	56	39668	93.39	ug/l	99
14) Allyl chloride	2.73	41	102817	18.46	ug/l	97
15) Acrylonitrile	3.15	53	163918	97.27	ug/l	100
16) Acetone	2.45	43	149710	91.28	ug/l	96
17) Carbon Disulfide	2.57	76	152904	20.31	ug/l	99
18) Methyl Acetate	2.78	43	79460	17.33	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	193225	19.02	ug/l	99
20) Methylene Chloride	2.86	84	60951	19.10	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	58062	18.86	ug/l	96
22) Diisopropyl ether	3.88	45	211237	19.84	ug/l	98
23) Vinyl Acetate	3.83	43	902285	100.08	ug/l	98
24) 1,1-Dichloroethane	3.70	63	114001	19.70	ug/l	99
25) 2-Butanone	4.71	43	244107	100.29	ug/l	98
26) 2,2-Dichloropropane	4.59	77	64172	13.64	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69377	20.10	ug/l	97
28) Bromochloromethane	5.02	49	55922	20.19	ug/l	93
29) Tetrahydrofuran	5.17	42	155573	99.67	ug/l	96
30) Chloroform	5.22	83	116869	19.68	ug/l	97
31) Cyclohexane	5.58	56	97158	19.56	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	104533	20.00	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85150	20.28	ug/l	99
37) Ethyl Acetate	4.87	43	95962	21.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	91794	19.92	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003009.D
 Acq On : 29 Jun 2018 02:44
 Operator : JC/MD
 Sample : VX0628WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0628WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:52 PM

Quant Time: Jun 29 08:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87817	17.96	ug/l	99
40) Benzene	6.15	78	250785	20.56	ug/l	99
41) Methacrylonitrile	5.07	41	53599	20.59	ug/l	97
42) 1,2-Dichloroethane	6.20	62	96570	19.60	ug/l	99
43) Isopropyl Acetate	6.47	43	147092	19.40	ug/l	99
44) Trichloroethene	7.22	130	71798	19.74	ug/l	93
45) 1,2-Dichloropropane	7.52	63	62435	19.29	ug/l	97
46) Dibromomethane	7.67	93	43775	19.49	ug/l	97
47) Bromodichloromethane	7.90	83	82069	19.77	ug/l	94
48) Methyl methacrylate	7.78	41	76661	19.62	ug/l	97
49) 1,4-Dioxane	7.76	88	30399	399.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	476235	100.39	ug/l	99
52) Toluene	8.79	92	157296	20.13	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	86783	18.46	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	80538	17.80	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64664	20.13	ug/l	98
56) Ethyl methacrylate	9.18	69	93291	19.88	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105445	19.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	232185	102.54	ug/l	98
59) 2-Hexanone	9.50	43	362726	100.61	ug/l	98
60) Dibromochloromethane	9.59	129	65604	19.40	ug/l	100
61) 1,2-Dibromoethane	9.68	107	67400	20.01	ug/l	99
64) Tetrachloroethene	9.34	164	79462	19.89	ug/l	98
65) Chlorobenzene	10.14	112	180075	19.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	65276	19.69	ug/l	99
67) Ethyl Benzene	10.26	91	298850	19.83	ug/l	99
68) m/p-Xylenes	10.36	106	232328	39.99	ug/l	100
69) o-Xylene	10.70	106	113704	20.10	ug/l	98
70) Styrene	10.71	104	187569	20.41	ug/l	99
71) Bromoform	10.86	173	50969	19.59	ug/l #	99
73) Isopropylbenzene	11.02	105	302995	20.40	ug/l	100
74) N-amyl acetate	6.47	43	147092	20.24	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94106	20.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91644m	22.91	ug/l	
77) Bromobenzene	11.26	156	84672	20.02	ug/l	98
78) n-propylbenzene	11.37	91	335955	19.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	206381	20.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	250310	20.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19086	16.28	ug/l	94
82) 4-Chlorotoluene	11.51	91	242541	20.01	ug/l	100
83) tert-Butylbenzene	11.77	119	242131	19.64	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	260183	20.07	ug/l	99
85) sec-Butylbenzene	11.95	105	285101	19.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	258869	19.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	151608	19.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154956	19.49	ug/l	99
89) n-Butylbenzene	12.39	91	210870	18.02	ug/l	99
90) Hexachloroethane	12.60	117	34015	17.01	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	155268	19.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19227	18.69	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX003009.D
Acq On : 29 Jun 2018 02:44
Operator : JC/MD
Sample : VX0628WBS03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:52 PM

Quant Time: Jun 29 08:06:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106089	18.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	50991	18.02	ug/l	99
95) Naphthalene	13.84	128	308116	20.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109735	19.36	ug/l	99

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

