

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005141.D
 Acq On : 08 Oct 2018 22:16
 Operator : JC/MD
 Sample : VX1008WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:53 PM

Quant Time: Oct 09 07:40:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168574	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149829	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	5.50	113	115240	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	8.71	98	421481	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	155089	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	50856	19.28 ug/l	100
3) Chloromethane	1.32	50	59847	18.70 ug/l	99
4) Vinyl Chloride	1.40	62	59912	19.96 ug/l	97
5) Bromomethane	1.64	94	37559	21.10 ug/l	95
6) Chloroethane	1.71	64	36615	21.04 ug/l	94
7) Trichlorofluoromethane	1.93	101	79922	21.51 ug/l	96
8) Diethyl Ether	2.19	74	31809	19.71 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44034	20.80 ug/l	99
10) Methyl Iodide	2.51	142	36270	12.81 ug/l	92
11) Tert butyl alcohol	3.07	59	87590	113.36 ug/l	98
12) 1,1-Dichloroethene	2.37	96	42757	20.40 ug/l	88
13) Acrolein	2.29	56	15466	28.13 ug/l	89
14) Allyl chloride	2.73	41	96449	21.09 ug/l	96
15) Acrylonitrile	3.15	53	181940	106.96 ug/l	95
16) Acetone	2.45	43	163671	101.45 ug/l	93
17) Carbon Disulfide	2.57	76	105682	16.78 ug/l	100
18) Methyl Acetate	2.78	43	109924	26.89 ug/l	97
19) Methyl tert-butyl Ether	3.20	73	163234	22.58 ug/l	93
20) Methylene Chloride	2.85	84	50269	20.94 ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	44384	19.34 ug/l	86
22) Diisopropyl ether	3.87	45	163017	21.17 ug/l	97
23) Vinyl Acetate	3.82	43	684303	97.07 ug/l	99
24) 1,1-Dichloroethane	3.69	63	93579	20.37 ug/l	100
25) 2-Butanone	4.71	43	251806	105.88 ug/l	90
26) 2,2-Dichloropropane	4.58	77	53127	16.61 ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	51795	20.21 ug/l	98
28) Bromochloromethane	5.03	49	45656	21.10 ug/l	95
29) Tetrahydrofuran	5.16	42	158899	107.50 ug/l	97
30) Chloroform	5.21	83	91594	21.10 ug/l	84
31) Cyclohexane	5.57	56	68977	19.62 ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	74974	21.14 ug/l	96
36) 1,1-Dichloropropene	5.79	75	62228	18.87 ug/l	90
37) Ethyl Acetate	4.86	43	85785	19.60 ug/l	99
38) Carbon Tetrachloride	5.78	117	63571	18.34 ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005141.D
 Acq On : 08 Oct 2018 22:16
 Operator : JC/MD
 Sample : VX1008WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:53 PM

Quant Time: Oct 09 07:40:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62539	18.57	ug/l	86
40) Benzene	6.13	78	190960	18.50	ug/l	92
41) Methacrylonitrile	5.06	41	49557	20.41	ug/l	98
42) 1,2-Dichloroethane	6.20	62	71076	19.47	ug/l	97
43) Isopropyl Acetate	6.47	43	121577	19.24	ug/l	97
44) Trichloroethene	7.21	130	49519	19.51	ug/l	94
45) 1,2-Dichloropropane	7.52	63	51439	20.32	ug/l	95
46) Dibromomethane	7.66	93	32211	20.24	ug/l	99
47) Bromodichloromethane	7.90	83	62420	20.95	ug/l	99
48) Methyl methacrylate	7.78	41	61642	21.49	ug/l	99
49) 1,4-Dioxane	7.76	88	29831	418.69	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	440688	110.77	ug/l	99
52) Toluene	8.79	92	116894	20.60	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63667	18.91	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	71459	20.26	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	50659	20.39	ug/l	96
56) Ethyl methacrylate	9.18	69	72749	19.87	ug/l	98
57) 1,3-Dichloropropane	9.37	76	83003	20.07	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	212127	107.67	ug/l	100
59) 2-Hexanone	9.49	43	346289	104.45	ug/l	94
60) Dibromochloromethane	9.59	129	50383	20.27	ug/l	97
61) 1,2-Dibromoethane	9.67	107	50712	19.05	ug/l	93
64) Tetrachloroethene	9.34	164	49243	18.29	ug/l	96
65) Chlorobenzene	10.14	112	131938	18.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47776	19.37	ug/l	99
67) Ethyl Benzene	10.26	91	215483	19.35	ug/l	95
68) m/p-Xylenes	10.36	106	167696	38.53	ug/l	95
69) o-Xylene	10.70	106	80330	20.09	ug/l	99
70) Styrene	10.71	104	136615	19.63	ug/l	99
71) Bromoform	10.86	173	40010	18.95	ug/l	# 98
73) Isopropylbenzene	11.02	105	222025	20.90	ug/l	99
74) N-amyl acetate	10.90	43	102654	18.71	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81716	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77425m	20.49	ug/l	
77) Bromobenzene	11.26	156	60940	19.75	ug/l	100
78) n-propylbenzene	11.36	91	254787	20.90	ug/l	99
79) 2-Chlorotoluene	11.42	91	154508	20.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	190785	19.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20022	15.87	ug/l	97
82) 4-Chlorotoluene	11.51	91	181874	20.33	ug/l	99
83) tert-Butylbenzene	11.77	119	188788	21.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195486	19.34	ug/l	99
85) sec-Butylbenzene	11.94	105	226913	21.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	202584	20.98	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113197	19.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	114833	19.30	ug/l	99
89) n-Butylbenzene	12.39	91	170172	19.41	ug/l	100
90) Hexachloroethane	12.60	117	32731	20.36	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	114387	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19096	20.11	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005141.D
Acq On : 08 Oct 2018 22:16
Operator : JC/MD
Sample : VX1008WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Manual Integrations
APPROVED

MMDadoda
10/9/2018 1:47:53 PM

Quant Time: Oct 09 07:40:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81517	19.30	ug/l	99
94) Hexachlorobutadiene	13.78	225	43566	19.89	ug/l	98
95) Naphthalene	13.83	128	256626	18.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86396	19.80	ug/l	100

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

