

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005231.D
 Acq On : 11 Oct 2018 04:04
 Operator : JC/MD
 Sample : VX1010WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:02 AM

Quant Time: Oct 11 08:19:23 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	5.67	168	178791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	267745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133803	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	113001	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.72	98	421984	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	11.14	95	162590	59.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52149	21.39	ug/l	97
3) Chloromethane	1.32	50	58980	19.94	ug/l	100
4) Vinyl Chloride	1.40	62	58075	20.94	ug/l	100
5) Bromomethane	1.64	94	34648	21.06	ug/l	93
6) Chloroethane	1.71	64	33439	20.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	76060	22.15	ug/l	94
8) Diethyl Ether	2.19	74	29097	19.50	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40884	20.90	ug/l	98
10) Methyl Iodide	2.51	142	41444	15.83	ug/l	91
11) Tert butyl alcohol	3.08	59	79327	111.08	ug/l	100
12) 1,1-Dichloroethene	2.37	96	38993	20.13	ug/l	93
13) Acrolein	2.29	56	41032	80.76	ug/l	93
14) Allyl chloride	2.73	41	84220	19.92	ug/l	95
15) Acrylonitrile	3.15	53	165030	104.98	ug/l	96
16) Acetone	2.45	43	151668	101.72	ug/l	92
17) Carbon Disulfide	2.57	76	112173	19.27	ug/l	100
18) Methyl Acetate	2.78	43	88137	23.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	143125	21.42	ug/l	98
20) Methylene Chloride	2.85	84	45814	20.64	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	42329	19.96	ug/l #	81
22) Diisopropyl ether	3.87	45	138460	19.45	ug/l	97
23) Vinyl Acetate	3.82	43	622297	95.51	ug/l	97
24) 1,1-Dichloroethane	3.70	63	85594	20.16	ug/l	99
25) 2-Butanone	4.71	43	213800	97.27	ug/l	97
26) 2,2-Dichloropropane	4.58	77	37026	12.52	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	42707	18.03	ug/l	95
28) Bromochloromethane	5.01	49	37351	18.68	ug/l	99
29) Tetrahydrofuran	5.16	42	136670	100.05	ug/l	98
30) Chloroform	5.21	83	76532	19.07	ug/l	99
31) Cyclohexane	5.57	56	64203	19.76	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	65079	19.86	ug/l	97
36) 1,1-Dichloropropene	5.80	75	54680	17.66	ug/l	95
37) Ethyl Acetate	4.86	43	75232	18.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	57938	17.80	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005231.D
 Acq On : 11 Oct 2018 04:04
 Operator : JC/MD
 Sample : VX1010WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1010WBS04

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:02 AM

Quant Time: Oct 11 08:19:23 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	58689	18.56	ug/l #	86
40) Benzene	6.13	78	175463	18.10	ug/l	92
41) Methacrylonitrile	5.06	41	40244	17.66	ug/l	95
42) 1,2-Dichloroethane	6.20	62	62082	18.12	ug/l	98
43) Isopropyl Acetate	6.47	43	102599	17.30	ug/l	95
44) Trichloroethene	7.21	130	45092	18.92	ug/l	92
45) 1,2-Dichloropropane	7.52	63	45872	19.30	ug/l	97
46) Dibromomethane	7.66	93	29359	19.65	ug/l	98
47) Bromodichloromethane	7.90	83	56952	20.36	ug/l	97
48) Methyl methacrylate	7.78	41	54459	20.23	ug/l	99
49) 1,4-Dioxane	7.76	88	26453	395.49	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	391174	104.74	ug/l	99
52) Toluene	8.79	92	106370	19.97	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	55162	17.45	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	62667	18.93	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	44783	19.20	ug/l	95
56) Ethyl methacrylate	9.18	69	62751	18.49	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74047	19.07	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	164417	91.38	ug/l	98
59) 2-Hexanone	9.50	43	306134	98.36	ug/l	94
60) Dibromochloromethane	9.59	129	44971	19.28	ug/l	99
61) 1,2-Dibromoethane	9.68	107	46543	18.63	ug/l	96
64) Tetrachloroethene	9.34	164	47970	17.70	ug/l	96
65) Chlorobenzene	10.14	112	118120	16.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	43309	17.44	ug/l	98
67) Ethyl Benzene	10.26	91	192651	17.18	ug/l	98
68) m/p-Xylenes	10.36	106	153957	35.14	ug/l	96
69) o-Xylene	10.70	106	72498	18.01	ug/l	100
70) Styrene	10.71	104	123693	17.87	ug/l	99
71) Bromoform	10.86	173	36794	17.31	ug/l #	97
73) Isopropylbenzene	11.02	105	197692	18.48	ug/l	99
74) N-amyl acetate	10.90	43	89745	16.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73983	16.99	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	67798m	17.82	ug/l	
77) Bromobenzene	11.26	156	55089	17.73	ug/l	99
78) n-propylbenzene	11.36	91	226679	18.47	ug/l	99
79) 2-Chlorotoluene	11.42	91	138493	18.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	170690	17.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16355	13.25	ug/l	96
82) 4-Chlorotoluene	11.51	91	163743	18.18	ug/l	100
83) tert-Butylbenzene	11.77	119	163326	18.54	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	175622	17.24	ug/l	99
85) sec-Butylbenzene	11.94	105	198969	18.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	176479	18.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	101814	17.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102462	17.11	ug/l	98
89) n-Butylbenzene	12.39	91	150671	17.07	ug/l	99
90) Hexachloroethane	12.60	117	28591	17.67	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	101980	16.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17360	18.16	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005231.D
Acq On : 11 Oct 2018 04:04
Operator : JC/MD
Sample : VX1010WBS04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:02 AM

Quant Time: Oct 11 08:19:23 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	73219	17.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	37736	17.11	ug/l	99
95) Naphthalene	13.83	128	221743	16.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	76087	17.32	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005231.D
Acq On : 11 Oct 2018 04:04
Operator : JC/MD
Sample : VX1010WBS04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX1010WBS04

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:02 AM

Quant Time: Oct 11 08:19:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

