

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005331.D
 Acq On : 15 Oct 2018 09:42
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	145711	47.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.50	113	119385	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	8.71	98	461055	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	11.14	95	170031	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44104	20.52	ug/l	100
3) Chloromethane	1.32	50	59399	19.07	ug/l	100
4) Vinyl Chloride	1.40	62	61135	19.38	ug/l	98
5) Bromomethane	1.64	94	36853	21.02	ug/l	98
6) Chloroethane	1.71	64	37765	19.28	ug/l	97
7) Trichlorofluoromethane	1.92	101	85616	20.33	ug/l	95
8) Diethyl Ether	2.19	74	34860	19.39	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51648	21.25	ug/l	96
10) Methyl Iodide	2.51	142	51855	20.98	ug/l	99
11) Tert butyl alcohol	3.07	59	85115	98.89	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47482	19.72	ug/l	96
13) Acrolein	2.29	56	46247	82.76	ug/l	96
14) Allyl chloride	2.73	41	104668	19.80	ug/l	95
15) Acrylonitrile	3.15	53	183716	94.19	ug/l	98
16) Acetone	2.45	43	166198	94.21	ug/l	97
17) Carbon Disulfide	2.57	76	139400	19.11	ug/l	98
18) Methyl Acetate	2.78	43	96670	19.26	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	171730	20.25	ug/l	97
20) Methylene Chloride	2.85	84	55471	20.82	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	51587	19.33	ug/l	96
22) Diisopropyl ether	3.87	45	165063	18.59	ug/l	91
23) Vinyl Acetate	3.82	43	727779	93.78	ug/l	97
24) 1,1-Dichloroethane	3.70	63	102112	20.07	ug/l	98
25) 2-Butanone	4.70	43	235046	91.06	ug/l	94
26) 2,2-Dichloropropane	4.58	77	75670	19.88	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	53865	18.57	ug/l	95
28) Bromochloromethane	5.01	49	42714	18.41	ug/l	95
29) Tetrahydrofuran	5.15	42	151371	91.94	ug/l	93
30) Chloroform	5.21	83	92239	19.53	ug/l	99
31) Cyclohexane	5.57	56	81543	19.44	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	79537	19.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68172	18.41	ug/l	99
37) Ethyl Acetate	4.85	43	84633	17.77	ug/l	98
38) Carbon Tetrachloride	5.78	117	71860	19.31	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005331.D
 Acq On : 15 Oct 2018 09:42
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80417	20.06	ug/l	95
40) Benzene	6.14	78	201909	18.17	ug/l	100
41) Methacrylonitrile	5.06	41	46839	18.34	ug/l	97
42) 1,2-Dichloroethane	6.20	62	72775	18.55	ug/l	97
43) Isopropyl Acetate	6.46	43	123770	19.51	ug/l	98
44) Trichloroethene	7.21	130	56655	19.59	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54601	20.04	ug/l	99
46) Dibromomethane	7.66	93	34712	19.30	ug/l	96
47) Bromodichloromethane	7.90	83	66800	20.08	ug/l	99
48) Methyl methacrylate	7.77	41	64103	19.48	ug/l	95
49) 1,4-Dioxane	7.75	88	30657	403.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	440875	100.36	ug/l	95
52) Toluene	8.79	92	131847	21.69	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	73413	20.39	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82261	21.09	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	53342	20.72	ug/l	98
56) Ethyl methacrylate	9.18	69	77710	20.71	ug/l	96
57) 1,3-Dichloropropane	9.37	76	87798	20.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	217062	103.13	ug/l	95
59) 2-Hexanone	9.49	43	352468	99.75	ug/l	94
60) Dibromochloromethane	9.59	129	55087	20.70	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55163	20.42	ug/l	100
64) Tetrachloroethene	9.34	164	59448	20.55	ug/l	99
65) Chlorobenzene	10.14	112	148446	19.42	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	52754	19.37	ug/l	99
67) Ethyl Benzene	10.25	91	245787	19.78	ug/l	98
68) m/p-Xylenes	10.36	106	194367	40.30	ug/l	96
69) o-Xylene	10.70	106	91394	19.65	ug/l	96
70) Styrene	10.71	104	154690	20.22	ug/l	98
71) Bromoform	10.86	173	45028	18.50	ug/l #	99
73) Isopropylbenzene	11.02	105	254287	20.88	ug/l	100
74) N-amyl acetate	10.90	43	111685	19.01	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	86340	18.79	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81939m	20.62	ug/l	
77) Bromobenzene	11.26	156	69434	19.94	ug/l	99
78) n-propylbenzene	11.36	91	295819	21.10	ug/l	100
79) 2-Chlorotoluene	11.42	91	176137	20.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	217578	20.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24666	18.86	ug/l	97
82) 4-Chlorotoluene	11.51	91	205639	20.21	ug/l	99
83) tert-Butylbenzene	11.77	119	213398	20.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	225855	21.04	ug/l	96
85) sec-Butylbenzene	11.94	105	263246	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	238585	21.12	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	130399	20.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133493	20.05	ug/l	99
89) n-Butylbenzene	12.39	91	207393	20.22	ug/l	97
90) Hexachloroethane	12.60	117	36458	18.72	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	128740	19.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20326	18.13	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005331.D
Acq On : 15 Oct 2018 09:42
Operator : JC/MD
Sample : VX1015WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100311	20.59	ug/l	97
94) Hexachlorobutadiene	13.79	225	52846	20.53	ug/l	96
95) Naphthalene	13.83	128	286127	20.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101577	20.37	ug/l	99

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

