

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006788.D
 Acq On : 24 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:12 AM

Quant Time: Dec 25 02:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	531868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	289923	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	5.51	113	264068	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
50) Toluene-d8	8.71	98	980867	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	360468	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88568	18.203	ug/l	97
3) Chloromethane	1.33	50	100583	19.188	ug/l	100
4) Vinyl Chloride	1.41	62	105655	19.298	ug/l	98
5) Bromomethane	1.64	94	106274	19.637	ug/l	98
6) Chloroethane	1.72	64	71338	18.819	ug/l	97
7) Trichlorofluoromethane	1.93	101	168260	19.713	ug/l	100
8) Diethyl Ether	2.19	74	67580	19.934	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100433	20.040	ug/l	99
10) Methyl Iodide	2.51	142	129348	18.030	ug/l	100
11) Tert butyl alcohol	3.07	59	141737	110.794	ug/l	99
12) 1,1-Dichloroethene	2.38	96	91758	19.309	ug/l	98
13) Acrolein	2.29	56	80276	93.019	ug/l	99
14) Allyl chloride	2.73	41	160780	20.100	ug/l	99
15) Acrylonitrile	3.15	53	302916	106.645	ug/l	100
16) Acetone	2.45	43	268751	102.048	ug/l	98
17) Carbon Disulfide	2.57	76	211758	16.839	ug/l	100
18) Methyl Acetate	2.78	43	176451	22.786	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	328894	20.853	ug/l	96
20) Methylene Chloride	2.86	84	109653	20.135	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	100192	19.029	ug/l	99
22) Diisopropyl ether	3.87	45	310690	21.231	ug/l	99
23) Vinyl Acetate	3.82	43	1232930	103.004	ug/l	99
24) 1,1-Dichloroethane	3.70	63	174037	19.923	ug/l	99
25) 2-Butanone	4.70	43	392180	105.867	ug/l	99
26) 2,2-Dichloropropane	4.59	77	120227	17.817	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	117637	20.250	ug/l	99
28) Bromochloromethane	5.02	49	83888	21.733	ug/l	98
29) Tetrahydrofuran	5.15	42	259787	106.476	ug/l	100
30) Chloroform	5.21	83	183122	20.243	ug/l	98
31) Cyclohexane	5.57	56	151901	19.141	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	151583	19.845	ug/l	97
36) 1,1-Dichloropropene	5.80	75	130222	19.502	ug/l	99
37) Ethyl Acetate	4.85	43	148369	21.348	ug/l	99
38) Carbon Tetrachloride	5.79	117	129781	19.999	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122418\
 Data File : VX006788.D
 Acq On : 24 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1224WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:12 AM

Quant Time: Dec 25 02:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164603	18.724	ug/l	96
40) Benzene	6.14	78	414489	20.421	ug/l	99
41) Methacrylonitrile	5.06	41	81401	22.061	ug/l	97
42) 1,2-Dichloroethane	6.20	62	142897	20.661	ug/l	99
43) Isopropyl Acetate	6.46	43	221943	20.988	ug/l	98
44) Trichloroethene	7.21	130	120480	19.612	ug/l	99
45) 1,2-Dichloropropane	7.52	63	101842	20.619	ug/l	98
46) Dibromomethane	7.66	93	73009	20.096	ug/l	100
47) Bromodichloromethane	7.90	83	124534	20.646	ug/l	97
48) Methyl methacrylate	7.77	41	117573	21.864	ug/l	99
49) 1,4-Dioxane	7.75	88	62059	429.738	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	761974	113.249	ug/l	100
52) Toluene	8.78	92	272886	20.811	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	125211	19.356	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	145779	20.538	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	116883	21.777	ug/l	96
56) Ethyl methacrylate	9.18	69	163919	21.608	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180896	20.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421030	104.411	ug/l	100
59) 2-Hexanone	9.49	43	584779	113.594	ug/l	99
60) Dibromochloromethane	9.59	129	103101	19.837	ug/l	100
61) 1,2-Dibromoethane	9.67	107	118789	20.820	ug/l	98
64) Tetrachloroethene	9.34	164	112202	18.812	ug/l	98
65) Chlorobenzene	10.14	112	322412	20.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	105781	21.276	ug/l	99
67) Ethyl Benzene	10.25	91	520403	19.985	ug/l	100
68) m/p-Xylenes	10.36	106	410121	39.914	ug/l	98
69) o-Xylene	10.70	106	207112	20.412	ug/l	100
70) Styrene	10.71	104	326493	20.339	ug/l	99
71) Bromoform	10.86	173	73943	19.477	ug/l #	100
73) Isopropylbenzene	11.02	105	540453	20.317	ug/l	100
74) N-amyl acetate	10.90	43	206627	21.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177686	22.460	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157867m	21.846	ug/l	
77) Bromobenzene	11.26	156	147634	20.528	ug/l	99
78) n-propylbenzene	11.36	91	590250	20.150	ug/l	100
79) 2-Chlorotoluene	11.42	91	358858	20.215	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	452257	20.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36701	18.380	ug/l	89
82) 4-Chlorotoluene	11.51	91	409090	20.090	ug/l	99
83) tert-Butylbenzene	11.77	119	456215	20.804	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	462941	20.088	ug/l	99
85) sec-Butylbenzene	11.94	105	535558	19.919	ug/l	99
86) p-Isopropyltoluene	12.06	119	482746	20.426	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258924	19.977	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	261575	19.686	ug/l	98
89) n-Butylbenzene	12.38	91	399251	19.850	ug/l	99
90) Hexachloroethane	12.60	117	67236	20.274	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	264091	20.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33093	20.216	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006788.D
Acq On : 24 Dec 2018 12:12
Operator : JC/MD
Sample : VX1224WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:12 AM

Quant Time: Dec 25 02:51:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175972	19.675	ug/l	99
94) Hexachlorobutadiene	13.78	225	85883	20.373	ug/l	97
95) Naphthalene	13.83	128	566072	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180496	19.546	ug/l	99

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

