

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011401.D
 Acq On : 09 Aug 2019 11:48
 Operator : JC/SP
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 12:51:03 PM

Quant Time: Aug 11 00:16:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	86573	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.49	113	76699	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.71	98	281601	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.13	95	103566	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	21008	15.627	ug/l	98
3) Chloromethane	1.32	50	23352	15.469	ug/l	100
4) Vinyl Chloride	1.40	62	25553	15.388	ug/l	98
5) Bromomethane	1.63	94	18471	15.597	ug/l	100
6) Chloroethane	1.71	64	16538	14.212	ug/l	96
7) Trichlorofluoromethane	1.92	101	46854	15.869	ug/l	96
8) Diethyl Ether	2.18	74	16577	15.723	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26315	16.472	ug/l	98
10) Methyl Iodide	2.50	142	28054	13.929	ug/l	98
11) Tert butyl alcohol	3.03	59	29203	83.565	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25001	15.787	ug/l	89
13) Acrolein	2.29	56	13956	63.934	ug/l	96
14) Allyl chloride	2.72	41	37133	17.589	ug/l	96
15) Acrylonitrile	3.13	53	72633	87.080	ug/l	99
16) Acetone	2.43	43	65285	78.250	ug/l	97
17) Carbon Disulfide	2.56	76	55253	14.868	ug/l	99
18) Methyl Acetate	2.76	43	33655	17.651	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	80246	17.195	ug/l	100
20) Methylene Chloride	2.85	84	28548	15.624	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	26362	15.737	ug/l	94
22) Diisopropyl ether	3.84	45	79153	17.059	ug/l	92
23) Vinyl Acetate	3.81	43	336597	87.462	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46105	16.851	ug/l	99
25) 2-Butanone	4.66	43	99002	83.418	ug/l	96
26) 2,2-Dichloropropane	4.57	77	35733	16.801	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	31226	16.183	ug/l	98
28) Bromochloromethane	5.01	49	23801	19.082	ug/l	91
29) Tetrahydrofuran	5.12	42	61326	84.274	ug/l	98
30) Chloroform	5.20	83	51181	17.211	ug/l	95
31) Cyclohexane	5.57	56	35044	15.525	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	43234	16.972	ug/l	97
36) 1,1-Dichloropropene	5.79	75	35980	16.383	ug/l	98
37) Ethyl Acetate	4.82	43	36427	16.535	ug/l	100
38) Carbon Tetrachloride	5.77	117	37718	17.070	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011401.D
 Acq On : 09 Aug 2019 11:48
 Operator : JC/SP
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 12:51:03 PM

Quant Time: Aug 11 00:16:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40190	15.438	ug/l	98
40) Benzene	6.13	78	108553	16.564	ug/l	99
41) Methacrylonitrile	5.04	41	19814	16.469	ug/l	95
42) 1,2-Dichloroethane	6.18	62	39788	17.954	ug/l	97
43) Isopropyl Acetate	6.44	43	58799	16.695	ug/l	99
44) Trichloroethene	7.21	130	31247	15.752	ug/l	93
45) 1,2-Dichloropropane	7.51	63	28975	17.071	ug/l	94
46) Dibromomethane	7.65	93	20613	16.636	ug/l	96
47) Bromodichloromethane	7.89	83	36104	17.210	ug/l	100
48) Methyl methacrylate	7.76	41	28638	17.278	ug/l	98
49) 1,4-Dioxane	7.74	88	15363	319.709	ug/l	88
51) 4-Methyl-2-Pentanone	8.63	43	199028	87.562	ug/l	100
52) Toluene	8.78	92	72800	16.801	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	36361	16.877	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	41647	16.995	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	30584	17.167	ug/l	98
56) Ethyl methacrylate	9.17	69	42717	16.825	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47821	16.972	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	117994	94.521	ug/l	99
59) 2-Hexanone	9.49	43	153224	87.030	ug/l	98
60) Dibromochloromethane	9.58	129	30020	16.458	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32002	16.626	ug/l	98
64) Tetrachloroethene	9.33	164	33063	16.665	ug/l	95
65) Chlorobenzene	10.13	112	81397	16.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	29583	17.251	ug/l	99
67) Ethyl Benzene	10.25	91	138311	16.487	ug/l	99
68) m/p-Xylenes	10.35	106	106817	32.919	ug/l	97
69) o-Xylene	10.69	106	51832	16.257	ug/l	98
70) Styrene	10.71	104	87489	16.585	ug/l	99
71) Bromoform	10.85	173	21780	16.235	ug/l #	100
73) Isopropylbenzene	11.02	105	141521	16.905	ug/l	99
74) N-amyl acetate	10.90	43	52065	17.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	47168	16.907	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	39717m	17.817	ug/l	
77) Bromobenzene	11.25	156	37764	16.268	ug/l	94
78) n-propylbenzene	11.35	91	156356	16.795	ug/l	99
79) 2-Chlorotoluene	11.42	91	93521	16.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	119319	17.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11360	16.904	ug/l	89
82) 4-Chlorotoluene	11.51	91	108702	16.809	ug/l	98
83) tert-Butylbenzene	11.77	119	116393	16.935	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	120915	17.330	ug/l	100
85) sec-Butylbenzene	11.94	105	138060	16.719	ug/l	100
86) p-Isopropyltoluene	12.06	119	126897	16.704	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	68524	16.706	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70059	16.564	ug/l	98
89) n-Butylbenzene	12.38	91	106002	16.196	ug/l	100
90) Hexachloroethane	12.59	117	18823	16.759	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	69416	16.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9148	16.925	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011401.D
Acq On : 09 Aug 2019 11:48
Operator : JC/SP
Sample : VX0809WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Manual Integrations
APPROVED

MMDadoda
8/12/2019 12:51:03 PM

Quant Time: Aug 11 00:16:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45161	16.524	ug/l	99
94) Hexachlorobutadiene	13.78	225	23411	16.883	ug/l	97
95) Naphthalene	13.83	128	133425	16.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44369	15.968	ug/l	96

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

