

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008600.D
 Acq On : 02 Apr 2019 19:02
 Operator : JC/SP
 Sample : VX0402WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS03

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 10:51:42 AM

Quant Time: Apr 03 04:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122339	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128991	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	95412	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	8.71	98	381845	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	141172	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	32652	15.540	ug/l	96
3) Chloromethane	1.32	50	48169	17.751	ug/l	98
4) Vinyl Chloride	1.40	62	45647	15.560	ug/l	100
5) Bromomethane	1.64	94	21872	15.499	ug/l	95
6) Chloroethane	1.72	64	28578	16.444	ug/l	99
7) Trichlorofluoromethane	1.93	101	54264	16.332	ug/l	97
8) Diethyl Ether	2.18	74	26117	16.610	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35220	17.540	ug/l	99
10) Methyl Iodide	2.51	142	25549	16.126	ug/l	98
11) Tert butyl alcohol	3.04	59	59768	99.826	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35697	17.214	ug/l	93
13) Acrolein	2.29	56	45401	104.421	ug/l	99
14) Allyl chloride	2.73	41	82994	18.166	ug/l	98
15) Acrylonitrile	3.14	53	149778	95.403	ug/l	99
16) Acetone	2.44	43	142646	100.996	ug/l	99
17) Carbon Disulfide	2.57	76	95960	15.866	ug/l	98
18) Methyl Acetate	2.78	43	69447	20.473	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	139808	18.709	ug/l	97
20) Methylene Chloride	2.85	84	46493	19.783	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37686	18.065	ug/l	97
22) Diisopropyl ether	3.85	45	170225	18.922	ug/l	98
23) Vinyl Acetate	3.81	43	743714	94.759	ug/l	100
24) 1,1-Dichloroethane	3.70	63	82334	18.129	ug/l	99
25) 2-Butanone	4.67	43	224818	99.288	ug/l	98
26) 2,2-Dichloropropane	4.59	77	57944	19.182	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45821	18.069	ug/l	99
28) Bromochloromethane	5.02	49	45249	20.166	ug/l	99
29) Tetrahydrofuran	5.13	42	142882	95.743	ug/l	100
30) Chloroform	5.21	83	75263	18.363	ug/l	97
31) Cyclohexane	5.58	56	75649	17.465	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	59246	18.084	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55369	17.465	ug/l	99
37) Ethyl Acetate	4.83	43	82395	20.062	ug/l	99
38) Carbon Tetrachloride	5.79	117	48483	18.325	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\
 Data File : VX008600.D
 Acq On : 02 Apr 2019 19:02
 Operator : JC/SP
 Sample : VX0402WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0402WBS03

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 10:51:42 AM

Quant Time: Apr 03 04:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67233	17.746	ug/l	97
40) Benzene	6.14	78	175268	18.467	ug/l	98
41) Methacrylonitrile	5.04	41	46383	20.097	ug/l	99
42) 1,2-Dichloroethane	6.19	62	63094	18.157	ug/l	99
43) Isopropyl Acetate	6.45	43	127082	19.345	ug/l	100
44) Trichloroethene	7.21	130	38921	17.466	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51013	18.910	ug/l	98
46) Dibromomethane	7.66	93	28785	18.273	ug/l	100
47) Bromodichloromethane	7.90	83	56336	18.684	ug/l	100
48) Methyl methacrylate	7.77	41	63980	19.465	ug/l	99
49) 1,4-Dioxane	7.74	88	25640	392.318	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	431074	101.033	ug/l	100
52) Toluene	8.78	92	106467	18.761	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	61714	18.686	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70220	18.698	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43852	18.983	ug/l	99
56) Ethyl methacrylate	9.18	69	79709	19.116	ug/l	100
57) 1,3-Dichloropropane	9.37	76	77000	18.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211339	98.048	ug/l	100
59) 2-Hexanone	9.49	43	341411	103.268	ug/l	99
60) Dibromochloromethane	9.58	129	40556	18.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	44842	19.021	ug/l	99
64) Tetrachloroethene	9.34	164	33268	18.430	ug/l	98
65) Chlorobenzene	10.13	112	107229	18.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37659	18.825	ug/l	99
67) Ethyl Benzene	10.25	91	199384	18.220	ug/l	99
68) m/p-Xylenes	10.36	106	145145	36.458	ug/l	99
69) o-Xylene	10.69	106	72275	18.708	ug/l	98
70) Styrene	10.71	104	124432	18.646	ug/l	99
71) Bromoform	10.85	173	28729	18.185	ug/l #	100
73) Isopropylbenzene	11.02	105	191579	19.249	ug/l	100
74) N-amyl acetate	10.90	43	115871	20.114	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	74628	19.325	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	62974m	17.315	ug/l	
77) Bromobenzene	11.26	156	45481	18.828	ug/l	100
78) n-propylbenzene	11.36	91	219774	18.850	ug/l	100
79) 2-Chlorotoluene	11.42	91	133886	18.880	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	159412	18.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21926	19.309	ug/l	95
82) 4-Chlorotoluene	11.51	91	151061	18.467	ug/l	99
83) tert-Butylbenzene	11.77	119	154541	19.036	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	159629	18.756	ug/l	99
85) sec-Butylbenzene	11.94	105	183858	19.018	ug/l	100
86) p-Isopropyltoluene	12.06	119	163069	19.116	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79956	18.526	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79224	18.189	ug/l	99
89) n-Butylbenzene	12.38	91	148707	18.402	ug/l	100
90) Hexachloroethane	12.60	117	26200	18.436	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	81379	18.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16485	19.578	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
Data File : VX008600.D
Acq On : 02 Apr 2019 19:02
Operator : JC/SP
Sample : VX0402WBS03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS03

Manual Integrations
APPROVED

MMDadoda
4/3/2019 10:51:42 AM

Quant Time: Apr 03 04:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54742	18.813	ug/l	99
94) Hexachlorobutadiene	13.78	225	26967	19.517	ug/l	99
95) Naphthalene	13.83	128	195793	19.626	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57629	19.709	ug/l	99

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

