

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014761.D
 Acq On : 29 Jan 2020 11:29
 Operator : JC/SP
 Sample : VX0129WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:07 AM

Quant Time: Jan 29 23:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	456950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	673292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	268436	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.48	113	215834	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.71	98	842411	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	295629	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	115637	19.184	ug/l	98
3) Chloromethane	1.32	50	114067	18.452	ug/l	99
4) Vinyl Chloride	1.40	62	130330	19.499	ug/l	100
5) Bromomethane	1.63	94	78889	17.377	ug/l	99
6) Chloroethane	1.72	64	76063	19.034	ug/l	97
7) Trichlorofluoromethane	1.92	101	149713	19.237	ug/l	98
8) Diethyl Ether	2.18	74	62623	18.435	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90422	19.791	ug/l	98
10) Methyl Iodide	2.50	142	100120	16.701	ug/l	99
11) Tert butyl alcohol	3.02	59	97898	81.717	ug/l	100
12) 1,1-Dichloroethene	2.37	96	84776	18.663	ug/l	98
13) Acrolein	2.28	56	73826	78.156	ug/l	99
14) Allyl chloride	2.72	41	149671	18.331	ug/l	98
15) Acrylonitrile	3.12	53	248497	89.648	ug/l	99
16) Acetone	2.43	43	239969	82.155	ug/l	100
17) Carbon Disulfide	2.56	76	217614	17.528	ug/l	98
18) Methyl Acetate	2.76	43	153464	18.384	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	282067	18.958	ug/l	99
20) Methylene Chloride	2.84	84	97194	17.960	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	90809	18.156	ug/l	97
22) Diisopropyl ether	3.84	45	314019	19.331	ug/l	94
23) Vinyl Acetate	3.80	43	1192690	96.317	ug/l	100
24) 1,1-Dichloroethane	3.69	63	167940	19.037	ug/l	100
25) 2-Butanone	4.65	43	355051	84.735	ug/l	99
26) 2,2-Dichloropropane	4.57	77	137015	19.404	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	104773	18.717	ug/l	98
28) Bromochloromethane	5.00	49	81406	20.999	ug/l	100
29) Tetrahydrofuran	5.11	42	219364	88.207	ug/l	99
30) Chloroform	5.20	83	164741	18.851	ug/l	97
31) Cyclohexane	5.57	56	154159	18.579	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	140928	19.078	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123240	19.699	ug/l	98
37) Ethyl Acetate	4.81	43	132657	18.513	ug/l	97
38) Carbon Tetrachloride	5.78	117	119194	19.949	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014761.D
 Acq On : 29 Jan 2020 11:29
 Operator : JC/SP
 Sample : VX0129WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:07 AM

Quant Time: Jan 29 23:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153859	19.631	ug/l	97
40) Benzene	6.13	78	381765	19.749	ug/l	98
41) Methacrylonitrile	5.02	41	72587	17.591	ug/l	94
42) 1,2-Dichloroethane	6.18	62	134729	20.183	ug/l	99
43) Isopropyl Acetate	6.43	43	221003	18.835	ug/l	99
44) Trichloroethene	7.20	130	106809	19.562	ug/l	99
45) 1,2-Dichloropropane	7.50	63	97560	19.591	ug/l	97
46) Dibromomethane	7.65	93	63078	19.557	ug/l	98
47) Bromodichloromethane	7.89	83	126594	20.012	ug/l	97
48) Methyl methacrylate	7.76	41	107949	19.255	ug/l	98
49) 1,4-Dioxane	7.73	88	44981	378.497	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	691476	93.370	ug/l	100
52) Toluene	8.78	92	238136	20.041	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	134283	19.714	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153282	20.456	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	97032	19.945	ug/l	98
56) Ethyl methacrylate	9.17	69	146346	18.895	ug/l	99
57) 1,3-Dichloropropane	9.37	76	166157	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	241978	98.902	ug/l	100
59) 2-Hexanone	9.48	43	538200	93.653	ug/l	99
60) Dibromochloromethane	9.57	129	97776	19.255	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100698	19.577	ug/l	100
64) Tetrachloroethene	9.33	164	112680	18.602	ug/l	99
65) Chlorobenzene	10.13	112	260625	19.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94975	19.680	ug/l	99
67) Ethyl Benzene	10.24	91	454722	20.346	ug/l	100
68) m/p-Xylenes	10.35	106	344381	40.674	ug/l	99
69) o-Xylene	10.69	106	164606	20.138	ug/l	100
70) Styrene	10.71	104	278560	20.316	ug/l	99
71) Bromoform	10.85	173	74282	19.355	ug/l #	100
73) Isopropylbenzene	11.01	105	446581	20.577	ug/l	100
74) N-amyl acetate	10.89	43	185312	19.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	143129	18.471	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	121696m	16.946	ug/l	
77) Bromobenzene	11.25	156	115546	19.818	ug/l	97
78) n-propylbenzene	11.35	91	506998	20.580	ug/l	100
79) 2-Chlorotoluene	11.42	91	300729	20.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	373120	20.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43182	17.112	ug/l	95
82) 4-Chlorotoluene	11.51	91	348076	20.512	ug/l	100
83) tert-Butylbenzene	11.76	119	351613	20.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	372572	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	431852	20.827	ug/l	99
86) p-Isopropyltoluene	12.06	119	392567	20.486	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	204885	19.553	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	207007	19.722	ug/l	99
89) n-Butylbenzene	12.38	91	337721	20.235	ug/l	98
90) Hexachloroethane	12.59	117	67331	18.917	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	205770	19.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29427	17.675	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
Data File : VX014761.D
Acq On : 29 Jan 2020 11:29
Operator : JC/SP
Sample : VX0129WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:44:07 AM

Quant Time: Jan 29 23:27:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134305	20.017	ug/l	99
94) Hexachlorobutadiene	13.77	225	69852	20.227	ug/l	98
95) Naphthalene	13.83	128	387066	18.488	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138960	20.482	ug/l	98

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

