

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009930.D
 Acq On : 29 May 2019 11:22
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:54:23 AM

Quant Time: May 30 01:31:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117041	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	82690	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.71	98	340160	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	121904	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47585	22.718	ug/l	98
3) Chloromethane	1.33	50	57861	20.548	ug/l	99
4) Vinyl Chloride	1.41	62	52012	20.490	ug/l	98
5) Bromomethane	1.64	94	29431	19.136	ug/l	99
6) Chloroethane	1.72	64	29809	19.076	ug/l	96
7) Trichlorofluoromethane	1.93	101	57214	20.397	ug/l	98
8) Diethyl Ether	2.19	74	23853	18.096	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34183	20.184	ug/l	98
10) Methyl Iodide	2.51	142	38428	21.275	ug/l	98
11) Tert butyl alcohol	3.04	59	57145	95.901	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33924	19.543	ug/l	94
13) Acrolein	2.29	56	33214	93.097	ug/l	100
14) Allyl chloride	2.73	41	83489	19.788	ug/l	99
15) Acrylonitrile	3.14	53	135917	94.666	ug/l	99
16) Acetone	2.44	43	140578	100.487	ug/l	98
17) Carbon Disulfide	2.57	76	103617	19.946	ug/l	98
18) Methyl Acetate	2.77	43	61908	19.018	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	126034	19.231	ug/l	100
20) Methylene Chloride	2.85	84	40834	19.061	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36998	19.155	ug/l	100
22) Diisopropyl ether	3.85	45	160460	19.988	ug/l	90
23) Vinyl Acetate	3.81	43	719421	99.758	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76725	19.722	ug/l	99
25) 2-Butanone	4.67	43	212759	97.615	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58640	19.926	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	41631	18.672	ug/l	99
28) Bromochloromethane	5.01	49	36656	18.157	ug/l	99
29) Tetrahydrofuran	5.13	42	135881	97.220	ug/l	99
30) Chloroform	5.21	83	68527	19.531	ug/l	97
31) Cyclohexane	5.58	56	78403	21.278	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58043	20.313	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53844	19.627	ug/l	99
37) Ethyl Acetate	4.83	43	76674	20.058	ug/l	98
38) Carbon Tetrachloride	5.78	117	48583	20.494	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052919\
 Data File : VX009930.D
 Acq On : 29 May 2019 11:22
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0529WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:54:23 AM

Quant Time: May 30 01:31:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69066	21.224	ug/l	97
40) Benzene	6.14	78	164109	20.166	ug/l	98
41) Methacrylonitrile	5.04	41	42058	18.829	ug/l	96
42) 1,2-Dichloroethane	6.19	62	59689	19.839	ug/l	99
43) Isopropyl Acetate	6.44	43	118769	19.256	ug/l	99
44) Trichloroethene	7.21	130	39757	20.112	ug/l	94
45) 1,2-Dichloropropane	7.51	63	46742	19.952	ug/l	98
46) Dibromomethane	7.66	93	26341	19.102	ug/l	99
47) Bromodichloromethane	7.90	83	52784	20.129	ug/l	98
48) Methyl methacrylate	7.77	41	59824	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	23348	411.098	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	383140	95.492	ug/l	100
52) Toluene	8.78	92	98408	19.916	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59907	19.049	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68131	19.884	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	39110	19.666	ug/l	98
56) Ethyl methacrylate	9.18	69	69043	19.500	ug/l	100
57) 1,3-Dichloropropane	9.37	76	68308	19.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	176460	95.045	ug/l	99
59) 2-Hexanone	9.49	43	302171	97.820	ug/l	99
60) Dibromochloromethane	9.58	129	38253	19.554	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39898	19.528	ug/l	100
64) Tetrachloroethene	9.34	164	35688	21.124	ug/l	98
65) Chlorobenzene	10.13	112	101088	19.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36148	20.582	ug/l	99
67) Ethyl Benzene	10.25	91	187810	20.657	ug/l	99
68) m/p-Xylenes	10.35	106	138035	41.096	ug/l	99
69) o-Xylene	10.69	106	67265	20.882	ug/l	97
70) Styrene	10.71	104	116030	20.542	ug/l	99
71) Bromoform	10.85	173	28808	20.067	ug/l #	98
73) Isopropylbenzene	11.02	105	180254	20.081	ug/l	100
74) N-amyl acetate	10.90	43	101725	18.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64662	19.309	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	56887m	19.553	ug/l	
77) Bromobenzene	11.26	156	44064	19.262	ug/l	98
78) n-propylbenzene	11.36	91	211328	20.424	ug/l	100
79) 2-Chlorotoluene	11.42	91	123937	19.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	153392	20.284	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21383	18.185	ug/l	95
82) 4-Chlorotoluene	11.51	91	143165	19.454	ug/l	99
83) tert-Butylbenzene	11.77	119	146249	20.214	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154452	20.111	ug/l	99
85) sec-Butylbenzene	11.94	105	175909	20.437	ug/l	99
86) p-Isopropyltoluene	12.06	119	161736	20.891	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80291	19.714	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	80897	19.477	ug/l	99
89) n-Butylbenzene	12.38	91	150091	20.629	ug/l	99
90) Hexachloroethane	12.59	117	26847	20.207	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	79040	19.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14726	18.681	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052919\
Data File : VX009930.D
Acq On : 29 May 2019 11:22
Operator : JC/SP
Sample : VX0529WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Manual Integrations
APPROVED

MMDadoda
5/30/2019 9:54:23 AM

Quant Time: May 30 01:31:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57518	20.045	ug/l	99
94) Hexachlorobutadiene	13.78	225	29536	20.521	ug/l	99
95) Naphthalene	13.83	128	176079	19.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57278	19.941	ug/l	98

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

