

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009903.D
 Acq On : 28 May 2019 09:57
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:24:38 AM

Quant Time: May 29 03:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162349	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	277269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	1704	1.053 ug/l	97
3) Chloromethane	1.32	50	3334	1.555 ug/l	100
4) Vinyl Chloride	1.41	62	2515	1.216 ug/l	98
6) Chloroethane	1.72	64	1874	1.434 ug/l	94
7) Trichlorofluoromethane	1.93	101	2716	1.097 ug/l	93
8) Diethyl Ether	2.19	74	1653	1.427 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1587	1.033 ug/l	91
12) 1,1-Dichloroethene	2.37	96	1765	1.147 ug/l	87
14) Allyl chloride	2.73	41	5025	1.332 ug/l	93
15) Acrylonitrile	3.14	53	8873	6.998 ug/l	98
16) Acetone	2.44	43	8695	7.178 ug/l #	88
17) Carbon Disulfide	2.57	76	5360	1.225 ug/l	95
18) Methyl Acetate	2.78	43	4527	1.587 ug/l	99
19) Methyl tert-butyl Ether	3.19	73	7902	1.328 ug/l	92
20) Methylene Chloride	2.86	84	2687	1.386 ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	2156	1.296 ug/l	96
22) Diisopropyl ether	3.85	45	9927	1.375 ug/l	99
23) Vinyl Acetate	3.81	43	40591	6.539 ug/l #	95
24) 1,1-Dichloroethane	3.69	63	4489	1.264 ug/l #	92
25) 2-Butanone	4.67	43	11892	6.331 ug/l	98
26) 2,2-Dichloropropane	4.58	77	3374	1.275 ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	2543	1.284 ug/l	79
28) Bromochloromethane	5.01	49	2564	1.593 ug/l #	91
29) Tetrahydrofuran	5.13	42	8645	7.168 ug/l	99
30) Chloroform	5.20	83	4371	1.364 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	3126	1.169 ug/l #	48
36) 1,1-Dichloropropene	5.79	75	3168	1.215 ug/l	94
37) Ethyl Acetate	4.83	43	4613	1.261 ug/l #	91
38) Carbon Tetrachloride	5.78	117	2649	1.118 ug/l	94
39) Methylcyclohexane	7.46	83	3184	0.991 ug/l	95
40) Benzene	6.14	78	9889	1.228 ug/l	98
41) Methacrylonitrile	5.04	41	2616	1.208 ug/l #	93
42) 1,2-Dichloroethane	6.19	62	3989	1.375 ug/l	95
43) Isopropyl Acetate	6.44	43	7061	1.211 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009903.D
 Acq On : 28 May 2019 09:57
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:24:38 AM

Quant Time: May 29 03:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	2598	1.336	ug/l	86
45) 1,2-Dichloropropane	7.51	63	2848	1.249	ug/l	98
46) Dibromomethane	7.66	93	1720	1.300	ug/l	97
47) Bromodichloromethane	7.90	83	3325	1.262	ug/l #	87
48) Methyl methacrylate	7.77	41	3895	1.342	ug/l #	89
49) 1,4-Dioxane	7.74	88	1378	23.726	ug/l #	63
51) 4-Methyl-2-Pentanone	8.64	43	23256	6.086	ug/l	97
52) Toluene	8.78	92	5475	1.118	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	3483	1.162	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	3781	1.144	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2490	1.253	ug/l	97
56) Ethyl methacrylate	9.18	69	4025	1.127	ug/l	91
57) 1,3-Dichloropropane	9.37	76	4388	1.249	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.31	63	10182	5.428	ug/l	99
59) 2-Hexanone	9.49	43	17861	5.957	ug/l	98
60) Dibromochloromethane	9.58	129	2130	1.093	ug/l	93
61) 1,2-Dibromoethane	9.67	107	2421	1.205	ug/l	96
64) Tetrachloroethene	9.34	164	2158	1.220	ug/l	87
65) Chlorobenzene	10.13	112	6056	1.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	2045	1.096	ug/l #	65
67) Ethyl Benzene	10.25	91	10075	1.062	ug/l	99
68) m/p-Xylenes	10.36	106	7045	2.030	ug/l	96
69) o-Xylene	10.69	106	3677	1.075	ug/l	99
70) Styrene	10.71	104	5939	1.001	ug/l	98
71) Bromoform	10.85	173	1565	1.031	ug/l #	99
73) Isopropylbenzene	11.02	105	8656	1.012	ug/l	98
74) N-amyl acetate	10.90	43	5547	1.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	4289	1.352	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	3415m	1.251	ug/l	
77) Bromobenzene	11.25	156	2370	1.118	ug/l	96
78) n-propylbenzene	11.36	91	10026	1.025	ug/l	99
79) 2-Chlorotoluene	11.41	91	6779	1.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	7256	1.006	ug/l	98
82) 4-Chlorotoluene	11.51	91	7489	1.097	ug/l	98
83) tert-Butylbenzene	11.77	119	6994	0.999	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	7661	1.058	ug/l	96
85) sec-Butylbenzene	11.94	105	7463	0.899	ug/l	98
86) p-Isopropyltoluene	12.06	119	7108	0.951	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	4339	1.149	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	4844m	1.271	ug/l	
89) n-Butylbenzene	12.38	91	6215	0.916	ug/l	97
90) Hexachloroethane	12.60	117	1375	1.082	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	4551	1.187	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1008	1.416	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	2963	1.127	ug/l	97
94) Hexachlorobutadiene	13.78	225	1338	0.994	ug/l	93
95) Naphthalene	13.83	128	8233	0.969	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	2820	1.060	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009903.D
Acq On : 28 May 2019 09:57
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
5/29/2019 9:24:38 AM

Quant Time: May 29 03:51:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 03:39:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

