

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005281.D
 Acq On : 12 Oct 2018 08:45
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:16 AM

Quant Time: Oct 12 11:21:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:44:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	419833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200063	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	2587	0.90	ug/l	97
3) Chloromethane	1.32	50	4272	1.08	ug/l	97
4) Vinyl Chloride	1.40	62	4196	1.03	ug/l #	78
5) Bromomethane	1.64	94	3064	1.58	ug/l	96
6) Chloroethane	1.71	64	2706	1.03	ug/l	99
7) Trichlorofluoromethane	1.92	101	5323	0.99	ug/l	91
8) Diethyl Ether	2.19	74	2338	0.97	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3237	0.95	ug/l	93
12) 1,1-Dichloroethene	2.37	96	3246	1.01	ug/l	86
14) Allyl chloride	2.73	41	6459	0.98	ug/l	96
15) Acrylonitrile	3.14	53	12372	5.43	ug/l	100
16) Acetone	2.45	43	12353	6.39	ug/l	93
17) Carbon Disulfide	2.57	76	9775	1.05	ug/l	98
18) Methyl Acetate	2.78	43	6701	1.23	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	11008	0.98	ug/l #	87
20) Methylene Chloride	2.85	84	4151	1.05	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	3583	1.01	ug/l	86
22) Diisopropyl ether	3.87	45	11272	0.95	ug/l	94
23) Vinyl Acetate	3.82	43	47334	4.92	ug/l	97
24) 1,1-Dichloroethane	3.70	63	6728	1.00	ug/l #	90
25) 2-Butanone	4.70	43	15544	5.05	ug/l	95
26) 2,2-Dichloropropane	4.59	77	5216	1.13	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	3742	0.94	ug/l	77
28) Bromochloromethane	5.01	49	3042	0.99	ug/l	83
29) Tetrahydrofuran	5.15	42	9107	4.91	ug/l	96
30) Chloroform	5.21	83	5939	0.91	ug/l #	81
31) Cyclohexane	5.59	56	4743	0.83	ug/l #	72
32) 1,1,1-Trichloroethane	5.49	97	5228	0.99	ug/l #	48
36) 1,1-Dichloropropene	5.79	75	4539	0.89	ug/l	95
37) Ethyl Acetate	4.85	43	6059	1.05	ug/l #	90
38) Carbon Tetrachloride	5.78	117	4285	0.86	ug/l #	73
39) Methylcyclohexane	7.46	83	4470	0.84	ug/l #	79
40) Benzene	6.14	78	13174	0.87	ug/l	97
41) Methacrylonitrile	5.06	41	3042	0.95	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005281.D
 Acq On : 12 Oct 2018 08:45
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:16 AM

Quant Time: Oct 12 11:21:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:44:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5120	1.02	ug/l	95
43) Isopropyl Acetate	6.46	43	7530	0.98	ug/l #	91
44) Trichloroethene	7.21	130	4747	1.21	ug/l	92
45) 1,2-Dichloropropane	7.52	63	3377	0.93	ug/l	97
46) Dibromomethane	7.66	93	2307	1.00	ug/l	97
47) Bromodichloromethane	7.90	83	3933	0.90	ug/l #	95
48) Methyl methacrylate	7.77	41	3487	0.92	ug/l	91
49) 1,4-Dioxane	7.76	88	1547	17.15	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	22790	4.19	ug/l	92
52) Toluene	8.78	92	6682	0.75	ug/l	91
53) t-1,3-Dichloropropene	9.04	75	3808	0.75	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	4303	0.83	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	3111	0.81	ug/l	96
56) Ethyl methacrylate	9.18	69	3599	0.66	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	5224	0.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	10055	4.04	ug/l	95
59) 2-Hexanone	9.49	43	17934	4.30	ug/l	87
60) Dibromochloromethane	9.59	129	2921	0.81	ug/l	99
61) 1,2-Dibromoethane	9.67	107	3135	0.86	ug/l	99
64) Tetrachloroethene	9.34	164	3439	0.74	ug/l	92
65) Chlorobenzene	10.14	112	8984	0.97	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	2965	0.92	ug/l #	64
67) Ethyl Benzene	10.25	91	12959	0.86	ug/l	94
68) m/p-Xylenes	10.36	106	9589	1.64	ug/l	98
69) o-Xylene	10.70	106	4642	0.83	ug/l	98
70) Styrene	10.71	104	6768	0.73	ug/l	93
71) Bromoform	10.86	173	2327	0.88	ug/l #	89
73) Isopropylbenzene	11.02	105	11234	0.85	ug/l	99
74) N-ethyl acetate	10.90	43	5125	0.92	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	4975	1.17	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	3946m	0.98	ug/l	
77) Bromobenzene	11.26	156	3547	0.97	ug/l	93
78) n-propylbenzene	11.36	91	12595	0.83	ug/l	100
79) 2-Chlorotoluene	11.42	91	8302	0.90	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	8862	0.80	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1166	0.92	ug/l #	79
82) 4-Chlorotoluene	11.51	91	9639	0.90	ug/l	99
83) tert-Butylbenzene	11.77	119	9870	0.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	9135	0.81	ug/l	98
85) sec-Butylbenzene	11.94	105	10734	0.80	ug/l	100
86) p-Isopropyltoluene	12.07	119	9677	0.82	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	6667	0.98	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	6667	0.95	ug/l	93
89) n-Butylbenzene	12.39	91	9580	0.89	ug/l	94
90) Hexachloroethane	12.60	117	1949	1.03	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	7050	1.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1219	1.34	ug/l	83
93) 1,2,4-Trichlorobenzene	13.65	180	4517	0.93	ug/l	94
94) Hexachlorobutadiene	13.79	225	2742	1.08	ug/l	93
95) Naphthalene	13.83	128	11631	0.85	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005281.D
Acq On : 12 Oct 2018 08:45
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:04:16 AM

Quant Time: Oct 12 11:21:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:44:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4762	0.95	ug/l	97

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

