

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051813.D
 Acq On : 11 Oct 2018 13:23
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:15 PM

Quant Time: Oct 11 17:33:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	999217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1446906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1308106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	673331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447609	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.59	113	440924	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.09	98	1615881	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	560817	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

MMDadoda

10/15/2018 3:00:15 PM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	321452	57.95	ug/l	99
3) Chloromethane	2.06	50	311268	46.33	ug/l	99
4) Vinyl Chloride	2.18	62	486088	48.24	ug/l	99
5) Bromomethane	2.56	94	444653	48.91	ug/l	98
6) Chloroethane	2.70	64	336879	45.53	ug/l	99
7) Trichlorofluoromethane	3.01	101	671889	44.90	ug/l	99
8) Diethyl Ether	3.41	74	214776	52.05	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.75	101	406784	50.98	ug/l	98
10) Methyl Iodide	3.95	142	512803	48.77	ug/l	95
11) Tert butyl alcohol	4.79	59	169046	240.67	ug/l	100
12) 1,1-Dichloroethene	3.73	96	371040	51.74	ug/l	87
13) Acrolein	3.61	56	192867	266.71	ug/l	100
14) Allyl chloride	4.32	41	446669	49.60	ug/l #	78
15) Acrylonitrile	4.99	53	583505	255.21	ug/l	99
16) Acetone	3.82	43	476306	231.25	ug/l	99
17) Carbon Disulfide	4.05	76	994070	51.20	ug/l	100
18) Methyl Acetate	4.33	43	265762	45.19	ug/l #	85
19) Methyl tert-butyl Ether	5.05	73	1129978	50.05	ug/l	93
20) Methylene Chloride	4.55	84	407091	47.76	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	419142	49.77	ug/l	88
22) Diisopropyl ether	5.95	45	960060	48.25	ug/l #	87
23) Vinyl Acetate	5.90	43	3600755	247.35	ug/l #	91
24) 1,1-Dichloroethane	5.85	63	667182	48.80	ug/l	98
25) 2-Butanone	6.84	43	702765	241.45	ug/l #	87
26) 2,2-Dichloropropane	6.83	77	681362	49.23	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	486475	50.11	ug/l	89
28) Bromochloromethane	7.19	49	274486	47.86	ug/l #	63
29) Tetrahydrofuran	7.21	42	431131	248.56	ug/l #	80
30) Chloroform	7.37	83	788071	48.21	ug/l	98
31) Cyclohexane	7.65	56	574674	50.55	ug/l #	79
32) 1,1,1-Trichloroethane	7.57	97	766594	49.95	ug/l	96
36) 1,1-Dichloropropene	7.80	75	574007	49.00	ug/l	95
37) Ethyl Acetate	6.93	43	304569	50.64	ug/l	95
38) Carbon Tetrachloride	7.78	117	701959	51.70	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051813.D
 Acq On : 11 Oct 2018 13:23
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:15 PM

Quant Time: Oct 11 17:33:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	741403	51.52	ug/l	88
40) Benzene	8.04	78	1672640	49.50	ug/l	99
41) Methacrylonitrile	7.17	41	133420	46.02	ug/l #	76
42) 1,2-Dichloroethane	8.13	62	540787	48.82	ug/l	99
43) Isopropyl Acetate	8.17	43	587709	48.46	ug/l #	96
44) Trichloroethene	8.84	130	531200	51.64	ug/l	96
45) 1,2-Dichloropropane	9.12	63	386469	48.64	ug/l	98
46) Dibromomethane	9.21	93	309051	50.69	ug/l	99
47) Bromodichloromethane	9.40	83	614978	50.48	ug/l	99
48) Methyl methacrylate	9.20	41	269531	50.31	ug/l #	79
49) 1,4-Dioxane	9.20	88	100724	963.73	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	1568991	251.32	ug/l	96
52) Toluene	10.16	92	1159876	51.12	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	620854	50.87	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	675900	50.44	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	426143	49.93	ug/l	96
56) Ethyl methacrylate	10.43	69	518690	51.60	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	652389	49.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1099211	251.14	ug/l #	88
59) 2-Hexanone	10.75	43	1086168	247.71	ug/l	96
60) Dibromochloromethane	10.90	129	527988	52.11	ug/l	99
61) 1,2-Dibromoethane	11.01	107	453431	51.58	ug/l	100
64) Tetrachloroethene	10.63	164	498710	49.71	ug/l	99
65) Chlorobenzene	11.44	112	1338370	50.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	518274	51.40	ug/l	99
67) Ethyl Benzene	11.51	91	2252388	51.43	ug/l	96
68) m/p-Xylenes	11.62	106	1828092	103.34	ug/l	95
69) o-Xylene	11.95	106	881641	51.31	ug/l	94
70) Styrene	11.96	104	1409264	53.17	ug/l	99
71) Bromoform	12.13	173	360788	45.76	ug/l #	99
73) Isopropylbenzene	12.25	105	2400318	46.26	ug/l	98
74) N-amyl acetate	12.07	43	509205	49.49	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	517304	45.39	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	361385m	43.44	ug/l	
77) Bromobenzene	12.53	156	609418	47.11	ug/l	88
78) n-propylbenzene	12.59	91	2625488	48.32	ug/l	96
79) 2-Chlorotoluene	12.68	91	1508238	46.08	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	2005406	47.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	144792	49.52	ug/l	96
82) 4-Chlorotoluene	12.77	91	1535176	48.81	ug/l	95
83) tert-Butylbenzene	12.99	119	1837344	46.86	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	2028809	48.20	ug/l	98
85) sec-Butylbenzene	13.17	105	2430053	47.84	ug/l	98
86) p-Isopropyltoluene	13.29	119	2209743	49.46	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1114856	50.39	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1087865	50.73	ug/l	99
89) n-Butylbenzene	13.62	91	1754724	52.83	ug/l	98
90) Hexachloroethane	13.88	117	381694	47.08	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1084010	50.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84005	50.07	ug/l	88

MMDadoda

10/15/2018 3:00:15 PM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
Data File : VN051813.D
Acq On : 11 Oct 2018 13:23
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Manual Integrations
APPROVED

MMDadoda
10/15/2018 3:00:15 PM

Quant Time: Oct 11 17:33:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 11 13:17:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	560992	49.69	ug/l	99
94) Hexachlorobutadiene	15.01	225	348690	50.45	ug/l	98
95) Naphthalene	15.14	128	1212393	48.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	549693	50.14	ug/l	100

MMDadoda

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

10/15/2018 3:00:15 PM

