

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051664.D
 Acq On : 4 Oct 2018 14:01
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100418

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:11 PM

Quant Time: Oct 05 06:48:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	959969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	546859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	422682	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	7.59	113	366214	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.09	98	1419551	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	513873	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	418841	52.947	ug/l	98
3) Chloromethane	2.06	50	375522	52.090	ug/l	99
4) Vinyl Chloride	2.19	62	580419	51.111	ug/l	99
5) Bromomethane	2.56	94	441729	50.581	ug/l	98
6) Chloroethane	2.70	64	374518	49.070	ug/l	99
7) Trichlorofluoromethane	3.01	101	835820	71.271	ug/l	99
8) Diethyl Ether	3.41	74	167657	50.663	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	323574	51.265	ug/l	99
10) Methyl Iodide	3.95	142	400825	48.122	ug/l	99
11) Tert butyl alcohol	4.79	59	136205	240.159	ug/l	100
12) 1,1-Dichloroethene	3.73	96	293700	49.925	ug/l	98
13) Acrolein	3.61	56	95871	270.575	ug/l	96
14) Allyl chloride	4.32	41	448974	50.039	ug/l	98
15) Acrylonitrile	4.99	53	489086	249.904	ug/l	99
16) Acetone	3.82	43	375588	270.530	ug/l	100
17) Carbon Disulfide	4.05	76	870661	48.690	ug/l	99
18) Methyl Acetate	4.33	43	232764	50.534	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	944368	48.633	ug/l	99
20) Methylene Chloride	4.55	84	335158	48.815	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	339598	48.714	ug/l	96
22) Diisopropyl ether	5.95	45	948434	49.311	ug/l	99
23) Vinyl Acetate	5.90	43	3496735	247.257	ug/l	99
24) 1,1-Dichloroethane	5.85	63	605286	48.933	ug/l	99
25) 2-Butanone	6.84	43	601204	249.487	ug/l	99
26) 2,2-Dichloropropane	6.82	77	613976	49.530	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	383850	47.432	ug/l	98
28) Bromochloromethane	7.19	49	270297	49.358	ug/l	100
29) Tetrahydrofuran	7.21	42	372641	251.991	ug/l	98
30) Chloroform	7.37	83	679049	48.859	ug/l	99
31) Cyclohexane	7.65	56	551981	48.725	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	655373	48.650	ug/l	99
36) 1,1-Dichloropropene	7.79	75	498991	49.730	ug/l	99
37) Ethyl Acetate	6.93	43	269033	51.408	ug/l	99
38) Carbon Tetrachloride	7.77	117	596435	49.537	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051664.D
 Acq On : 4 Oct 2018 14:01
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100418

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:11 PM

Quant Time: Oct 05 06:48:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	642743	51.030	ug/l	97
40) Benzene	8.04	78	1505237	50.604	ug/l	99
41) Methacrylonitrile	7.18	41	141765	52.592	ug/l	92
42) 1,2-Dichloroethane	8.12	62	506689	50.545	ug/l	99
43) Isopropyl Acetate	8.17	43	558369	51.175	ug/l #	88
44) Trichloroethene	8.83	130	420846	49.828	ug/l	96
45) 1,2-Dichloropropane	9.12	63	367128	49.920	ug/l	100
46) Dibromomethane	9.21	93	255790	50.039	ug/l	97
47) Bromodichloromethane	9.40	83	552541	49.102	ug/l	99
48) Methyl methacrylate	9.20	41	248010	49.744	ug/l	99
49) 1,4-Dioxane	9.20	88	73414	982.010	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1420949	257.006	ug/l	100
52) Toluene	10.16	92	1029674	52.046	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	596346	51.358	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	614751	49.857	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	355826	50.488	ug/l	99
56) Ethyl methacrylate	10.43	69	459394	51.544	ug/l	99
57) 1,3-Dichloropropane	10.71	76	568240	50.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	951200	257.874	ug/l	100
59) 2-Hexanone	10.75	43	984528	262.203	ug/l	98
60) Dibromochloromethane	10.90	129	474162	51.411	ug/l	99
61) 1,2-Dibromoethane	11.01	107	378606	50.816	ug/l	99
64) Tetrachloroethene	10.63	164	403251	49.318	ug/l	98
65) Chlorobenzene	11.43	112	1126818	49.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	460183	50.071	ug/l	99
67) Ethyl Benzene	11.51	91	2005316	50.545	ug/l	100
68) m/p-Xylenes	11.62	106	1626529	102.463	ug/l	99
69) o-Xylene	11.95	106	794329	51.024	ug/l	100
70) Styrene	11.96	104	1274943	51.395	ug/l	99
71) Bromoform	12.13	173	344542	50.400	ug/l #	99
73) Isopropylbenzene	12.25	105	2151957	46.163	ug/l	99
74) N-amyl acetate	12.07	43	487400	50.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	448757	49.621	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	392008m	58.379	ug/l	
77) Bromobenzene	12.53	156	519533	45.580	ug/l	100
78) n-propylbenzene	12.59	91	2408135	47.362	ug/l	99
79) 2-Chlorotoluene	12.67	91	1396744	46.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1854273	47.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	141472	47.554	ug/l	99
82) 4-Chlorotoluene	12.77	91	1451922	48.232	ug/l	100
83) tert-Butylbenzene	12.99	119	1653915	46.984	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1877885	47.723	ug/l	99
85) sec-Butylbenzene	13.17	105	2231034	47.914	ug/l	100
86) p-Isopropyltoluene	13.29	119	2023892	49.029	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	988969	49.793	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	950279	48.609	ug/l	99
89) n-Butylbenzene	13.62	91	1634381	50.076	ug/l	99
90) Hexachloroethane	13.88	117	391453	47.530	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	940750	47.646	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78597	47.996	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
Data File : VN051664.D
Acq On : 4 Oct 2018 14:01
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:53:11 PM

Quant Time: Oct 05 06:48:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	435146	49.528	ug/l	99
94) Hexachlorobutadiene	15.01	225	281109	47.157	ug/l	99
95) Naphthalene	15.13	128	897082	47.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	413617	47.801	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
Data File : VN051664.D
Acq On : 4 Oct 2018 14:01
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:53:11 PM

Quant Time: Oct 05 06:48:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

