

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
 Data File : VN060268.D
 Acq On : 27 Feb 2020 13:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:31:18 PM

Quant Time: Feb 27 13:46:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:38:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	243650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	394264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	355895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162626	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	1.83	85	2264	0.984	ug/l	85
3) Chloromethane	2.04	50	4591	1.144	ug/l #	83
4) Vinyl Chloride	2.16	62	3580	1.061	ug/l	99
6) Chloroethane	2.69	64	1895	1.043	ug/l #	82
7) Trichlorofluoromethane	3.00	101	4562	1.066	ug/l	99
8) Diethyl Ether	3.39	74	1556	0.917	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2497	1.008	ug/l #	81
12) 1,1-Dichloroethene	3.71	96	3225	1.299	ug/l	87
14) Allyl chloride	4.30	41	4920	1.107	ug/l	98
15) Acrylonitrile	4.95	53	5390	4.264	ug/l	97
16) Acetone	3.79	43	5601	5.581	ug/l #	82
17) Carbon Disulfide	4.03	76	10571	1.477	ug/l	100
18) Methyl Acetate	4.30	43	3627	1.044	ug/l #	73
19) Methyl tert-butyl Ether	5.00	73	8718m	1.017	ug/l	
20) Methylene Chloride	4.53	84	3087	1.112	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	4177	1.500	ug/l	96
22) Diisopropyl ether	5.92	45	8424	0.941	ug/l	91
23) Vinyl Acetate	5.86	43	33160	4.721	ug/l	99
24) 1,1-Dichloroethane	5.82	63	4912	0.981	ug/l #	84
25) 2-Butanone	6.80	43	7693	4.691	ug/l	98
26) 2,2-Dichloropropane	6.79	77	4655	1.019	ug/l	88
27) cis-1,2-Dichloroethene	6.80	96	3904	1.174	ug/l	78
28) Bromochloromethane	7.17	49	2117	1.035	ug/l #	99
29) Tetrahydrofuran	7.18	42	5592	4.778	ug/l	98
30) Chloroform	7.35	83	5096	1.022	ug/l	89
32) 1,1,1-Trichloroethane	7.55	97	4337	0.975	ug/l #	37
36) 1,1-Dichloropropene	7.78	75	4326	1.147	ug/l	96
37) Ethyl Acetate	6.90	43	3561	0.999	ug/l #	78
38) Carbon Tetrachloride	7.75	117	3628	0.967	ug/l	90
39) Methylcyclohexane	9.06	83	4990	1.127	ug/l	95
40) Benzene	8.02	78	11639	1.047	ug/l	98
41) Methacrylonitrile	7.14	41	1354	0.793	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	4109	1.020	ug/l	90
43) Isopropyl Acetate	8.14	43	6116	0.969	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
 Data File : VN060268.D
 Acq On : 27 Feb 2020 13:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:31:18 PM

Quant Time: Feb 27 13:46:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:38:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3497	1.137	ug/l	89
45) 1,2-Dichloropropane	9.10	63	2688	0.906	ug/l	100
46) Dibromomethane	9.19	93	1905	1.009	ug/l	98
47) Bromodichloromethane	9.39	83	3749	0.982	ug/l	98
48) Methyl methacrylate	9.18	41	3138	1.101	ug/l #	85
49) 1,4-Dioxane	9.18	88	885	21.459	ug/l #	77
51) 4-Methyl-2-Pentanone	9.97	43	17013	4.765	ug/l	95
52) Toluene	10.14	92	7241	1.043	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	5093	1.099	ug/l #	81
54) cis-1,3-Dichloropropene	9.82	75	4971	1.013	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	3139	1.118	ug/l	86
56) Ethyl methacrylate	10.42	69	3537	0.876	ug/l #	89
57) 1,3-Dichloropropane	10.70	76	4577	0.994	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.68	63	9079	4.200	ug/l	97
59) 2-Hexanone	10.74	43	12486	4.712	ug/l	98
60) Dibromochloromethane	10.89	129	2678	0.947	ug/l	94
61) 1,2-Dibromoethane	11.00	107	2540	0.924	ug/l	96
64) Tetrachloroethene	10.62	164	3940	1.251	ug/l	93
65) Chlorobenzene	11.43	112	7981	1.099	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.50	131	2698	0.996	ug/l #	62
67) Ethyl Benzene	11.51	91	13915	1.051	ug/l	100
68) m/p-Xylenes	11.62	106	10717	2.176	ug/l	98
69) o-Xylene	11.94	106	4745	0.983	ug/l	97
70) Styrene	11.96	104	7758	0.992	ug/l	98
71) Bromoform	12.12	173	1620	0.828	ug/l #	99
73) Isopropylbenzene	12.25	105	13321	1.097	ug/l	100
74) N-amyl acetate	12.07	43	6004	1.138	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	3455	1.036	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	3918m	1.059	ug/l	
77) Bromobenzene	12.52	156	3414	1.137	ug/l	99
78) n-propylbenzene	12.59	91	15892	1.109	ug/l	99
79) 2-Chlorotoluene	12.67	91	9395	1.116	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	11119	1.077	ug/l	100
82) 4-Chlorotoluene	12.77	91	10532	1.194	ug/l	98
83) tert-Butylbenzene	12.99	119	9768	1.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	11215	1.077	ug/l	98
85) sec-Butylbenzene	13.17	105	12801	1.065	ug/l	100
86) p-Isopropyltoluene	13.29	119	12984	1.191	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	7246	1.315	ug/l	92
88) 1,4-Dichlorobenzene	13.36	146	7208m	1.313	ug/l	
89) n-Butylbenzene	13.61	91	11856	1.172	ug/l	97
90) Hexachloroethane	13.87	117	1534	0.934	ug/l	74
91) 1,2-Dichlorobenzene	13.65	146	6192	1.183	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	892	1.188	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	5341	1.431	ug/l	93
94) Hexachlorobutadiene	15.01	225	2599	1.397	ug/l	94
95) Naphthalene	15.13	128	14107	1.278	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	4891	1.345	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
Data File : VN060268.D
Acq On : 27 Feb 2020 13:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
2/28/2020 12:31:18 PM

Quant Time: Feb 27 13:46:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 12:38:03 2020
Response via : Initial Calibration

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

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

