

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062058.D
 Acq On : 24 Jun 2020 10:30
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:06 PM

Quant Time: Jun 24 11:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182827	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	67316	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	
35) Dibromofluoromethane	7.55	113	54028	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
50) Toluene-d8	10.06	98	212793	19.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.66%	
62) 4-Bromofluorobenzene	12.38	95	69605	18.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	56000	19.860	ug/l	97
3) Chloromethane	2.03	50	71243	20.628	ug/l	99
4) Vinyl Chloride	2.16	62	85623	20.772	ug/l	98
5) Bromomethane	2.53	94	56015	17.981	ug/l	100
6) Chloroethane	2.67	64	58030	20.607	ug/l	98
7) Trichlorofluoromethane	2.98	101	103574	21.186	ug/l	99
8) Diethyl Ether	3.37	74	35797	21.286	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54715	21.302	ug/l	99
10) Methyl Iodide	3.91	142	60506	21.589	ug/l	98
11) Tert butyl alcohol	4.73	59	47671	100.777	ug/l	100
12) 1,1-Dichloroethene	3.70	96	53951	20.998	ug/l	98
13) Acrolein	3.57	56	47260	145.984	ug/l	96
14) Allyl chloride	4.27	41	66560	19.290	ug/l	95
15) Acrylonitrile	4.93	53	128527	108.816	ug/l	98
16) Acetone	3.78	43	116988	113.389	ug/l	98
17) Carbon Disulfide	4.01	76	163960	21.689	ug/l	100
18) Methyl Acetate	4.28	43	50419	17.886	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	169988	19.866	ug/l	99
20) Methylene Chloride	4.50	84	65124	19.885	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	60993	20.682	ug/l	97
22) Diisopropyl ether	5.90	45	163588	20.750	ug/l	99
23) Vinyl Acetate	5.84	43	673286	107.411	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107291	20.901	ug/l	99
25) 2-Butanone	6.79	43	161103	108.143	ug/l	99
26) 2,2-Dichloropropane	6.77	77	90842	20.924	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67490	19.866	ug/l	98
28) Bromochloromethane	7.15	49	44558	19.423	ug/l	99
29) Tetrahydrofuran	7.17	42	105956	107.897	ug/l	100
30) Chloroform	7.33	83	108113	19.826	ug/l	98
31) Cyclohexane	7.62	56	89683	19.927	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	92992	20.053	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82271	20.513	ug/l	98
37) Ethyl Acetate	6.88	43	63372	19.945	ug/l #	90
38) Carbon Tetrachloride	7.73	117	78775	19.944	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062058.D
 Acq On : 24 Jun 2020 10:30
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:06 PM

Quant Time: Jun 24 11:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	87363	20.219	ug/l	100
40) Benzene	8.00	78	249281	20.419	ug/l	99
41) Methacrylonitrile	7.13	41	32564m	23.521	ug/l	
42) 1,2-Dichloroethane	8.08	62	87169	20.962	ug/l	99
43) Isopropyl Acetate	8.13	43	108244	20.348	ug/l	98
44) Trichloroethene	8.80	130	64649	20.313	ug/l	97
45) 1,2-Dichloropropane	9.08	63	63055	21.042	ug/l	96
46) Dibromomethane	9.17	93	43236	20.612	ug/l	98
47) Bromodichloromethane	9.37	83	84759	19.674	ug/l	95
48) Methyl methacrylate	9.17	41	48474	19.944	ug/l	99
49) 1,4-Dioxane	9.17	88	23203	414.887	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	328979	103.992	ug/l	100
52) Toluene	10.12	92	155527	20.336	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91745	19.942	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	100478	20.151	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	61570	20.438	ug/l	98
56) Ethyl methacrylate	10.40	69	77876	19.311	ug/l	99
57) 1,3-Dichloropropane	10.68	76	103498	20.268	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	151093	95.147	ug/l	99
59) 2-Hexanone	10.72	43	237385	104.438	ug/l	100
60) Dibromochloromethane	10.87	129	63192	18.968	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62952	20.090	ug/l	100
64) Tetrachloroethene	10.60	164	53858	20.550	ug/l	99
65) Chlorobenzene	11.41	112	167939	19.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60450	19.993	ug/l	99
67) Ethyl Benzene	11.48	91	288686	19.744	ug/l	99
68) m/p-Xylenes	11.60	106	223612	39.653	ug/l	100
69) o-Xylene	11.92	106	103992	19.377	ug/l	99
70) Styrene	11.94	104	173485	19.307	ug/l	99
71) Bromoform	12.10	173	41724	18.976	ug/l #	97
73) Isopropylbenzene	12.22	105	275121	21.071	ug/l	100
74) N-amyl acetate	12.05	43	85444	20.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	88829	20.768	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	82118m	22.559	ug/l	
77) Bromobenzene	12.50	156	68729	20.924	ug/l	95
78) n-propylbenzene	12.57	91	308392	20.611	ug/l	99
79) 2-Chlorotoluene	12.65	91	186397	20.761	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	223010	20.683	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27227	20.276	ug/l	97
82) 4-Chlorotoluene	12.75	91	189115	20.407	ug/l	99
83) tert-Butylbenzene	12.97	119	188438	20.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	225453	21.210	ug/l	100
85) sec-Butylbenzene	13.15	105	247898	20.660	ug/l	99
86) p-Isopropyltoluene	13.26	119	220630	20.713	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	115002	19.297	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	116050	19.030	ug/l	99
89) n-Butylbenzene	13.59	91	167366	18.737	ug/l	100
90) Hexachloroethane	13.85	117	41430	21.094	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	114720	20.031	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14775	21.290	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062058.D
Acq On : 24 Jun 2020 10:30
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:06 PM

Quant Time: Jun 24 11:27:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 11:12:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46984	17.515	ug/l	98
94) Hexachlorobutadiene	14.98	225	21216	19.943	ug/l	97
95) Naphthalene	15.11	128	132294	17.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47333	17.724	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062058.D
Acq On : 24 Jun 2020 10:30
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:06 PM

Quant Time: Jun 24 11:27:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 11:12:39 2020
Response via : Initial Calibration

