

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061833.D
 Acq On : 16 Jun 2020 18:14
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:44:57 PM

Quant Time: Jun 17 01:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	40058	22.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.48%	
35) Dibromofluoromethane	7.55	113	32859	24.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	48.14%	
50) Toluene-d8	10.06	98	128261	21.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.06%	
62) 4-Bromofluorobenzene	12.38	95	41854	18.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	37.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	40385	25.661	ug/l	98
3) Chloromethane	2.03	50	44481	24.277	ug/l	97
4) Vinyl Chloride	2.16	62	53038	21.602	ug/l	100
5) Bromomethane	2.54	94	40455	27.449	ug/l	100
6) Chloroethane	2.67	64	33921	21.273	ug/l	96
7) Trichlorofluoromethane	2.98	101	61440	19.661	ug/l	97
8) Diethyl Ether	3.37	74	19977	20.432	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31257	21.993	ug/l	99
10) Methyl Iodide	3.91	142	28386	14.956	ug/l	100
11) Tert butyl alcohol	4.73	59	25806	108.116	ug/l	98
12) 1,1-Dichloroethene	3.70	96	30992	20.524	ug/l	98
13) Acrolein	3.57	56	14913	140.674	ug/l	99
14) Allyl chloride	4.27	41	40158	20.347	ug/l	100
15) Acrylonitrile	4.93	53	70184	107.387	ug/l	100
16) Acetone	3.78	43	56313	90.322	ug/l	97
17) Carbon Disulfide	4.01	76	89998	25.672	ug/l	100
18) Methyl Acetate	4.28	43	32907	20.642	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	99314	19.438	ug/l	98
20) Methylene Chloride	4.50	84	36619	16.931	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	34655	20.291	ug/l	95
22) Diisopropyl ether	5.90	45	90568	20.878	ug/l	96
23) Vinyl Acetate	5.84	43	357703	103.612	ug/l	99
24) 1,1-Dichloroethane	5.80	63	59326	21.421	ug/l	99
25) 2-Butanone	6.79	43	85481	102.637	ug/l	96
26) 2,2-Dichloropropane	6.78	77	50926	20.288	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	40341	20.997	ug/l	100
28) Bromochloromethane	7.15	49	26482	21.886	ug/l	98
29) Tetrahydrofuran	7.17	42	56105	102.388	ug/l	99
30) Chloroform	7.33	83	64248	21.124	ug/l	99
31) Cyclohexane	7.61	56	51402	20.804	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	53999	19.666	ug/l	99
36) 1,1-Dichloropropene	7.75	75	47094	20.341	ug/l	98
37) Ethyl Acetate	6.88	43	36516	19.786	ug/l	100
38) Carbon Tetrachloride	7.73	117	46562	20.883	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061833.D
 Acq On : 16 Jun 2020 18:14
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:44:57 PM

Quant Time: Jun 17 01:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51119	18.215	ug/l	97
40) Benzene	8.00	78	142183	19.955	ug/l	99
41) Methacrylonitrile	7.13	41	15710m	18.585	ug/l	
42) 1,2-Dichloroethane	8.09	62	48945	20.434	ug/l	99
43) Isopropyl Acetate	8.13	43	62098	18.757	ug/l #	90
44) Trichloroethene	8.80	130	38033	17.916	ug/l	93
45) 1,2-Dichloropropane	9.08	63	35060	20.589	ug/l	99
46) Dibromomethane	9.18	93	25093	19.453	ug/l	97
47) Bromodichloromethane	9.37	83	50390	19.714	ug/l	98
48) Methyl methacrylate	9.17	41	27419	18.341	ug/l	98
49) 1,4-Dioxane	9.17	88	12953	515.387	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	183165	97.786	ug/l	99
52) Toluene	10.13	92	89145	19.234	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	53414	19.416	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	58847	19.810	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	36192	19.642	ug/l	99
56) Ethyl methacrylate	10.40	69	46551	18.227	ug/l	98
57) 1,3-Dichloropropane	10.68	76	60216	20.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	85301	79.439	ug/l	100
59) 2-Hexanone	10.72	43	130142	96.735	ug/l	99
60) Dibromochloromethane	10.87	129	39410	19.020	ug/l	98
61) 1,2-Dibromoethane	10.98	107	37071	19.373	ug/l	100
64) Tetrachloroethene	10.60	164	32296	15.119	ug/l	93
65) Chlorobenzene	11.41	112	99256	19.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	35496	19.262	ug/l	98
67) Ethyl Benzene	11.48	91	167798	19.459	ug/l	99
68) m/p-Xylenes	11.60	106	131692	38.652	ug/l	100
69) o-Xylene	11.92	106	63388	19.564	ug/l	99
70) Styrene	11.94	104	104430	19.442	ug/l	100
71) Bromoform	12.10	173	25438	18.113	ug/l #	99
73) Isopropylbenzene	12.22	105	164197	19.798	ug/l	100
74) N-amyl acetate	12.05	43	50097	19.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51087	21.646	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45223m	21.772	ug/l	
77) Bromobenzene	12.50	156	39655	18.908	ug/l	99
78) n-propylbenzene	12.57	91	182597	19.679	ug/l	98
79) 2-Chlorotoluene	12.65	91	110454	19.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	134941	19.495	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15625	19.367	ug/l	97
82) 4-Chlorotoluene	12.75	91	114401	19.691	ug/l	100
83) tert-Butylbenzene	12.97	119	112714	18.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	136577	19.862	ug/l	99
85) sec-Butylbenzene	13.15	105	148616	18.942	ug/l	99
86) p-Isopropyltoluene	13.26	119	132963	18.454	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	72703	19.438	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	71716	18.843	ug/l	97
89) n-Butylbenzene	13.59	91	105647	17.558	ug/l	99
90) Hexachloroethane	13.85	117	24109	27.546	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	70808	19.782	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8800	18.751	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
Data File : VN061833.D
Acq On : 16 Jun 2020 18:14
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/17/2020 3:44:57 PM

Quant Time: Jun 17 01:07:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	31848	15.727	ug/l	99
94) Hexachlorobutadiene	14.99	225	11955	13.881	ug/l	93
95) Naphthalene	15.10	128	93573	15.370	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	32879	16.509	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
Data File : VN061833.D
Acq On : 16 Jun 2020 18:14
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
6/17/2020 3:44:57 PM

Quant Time: Jun 17 01:07:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration

