

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059480.D
 Acq On : 4 Dec 2019 12:08
 Operator : JC/SP
 Sample : VN1204MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:19:41 AM

Quant Time: Dec 05 01:27:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	377328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	593588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	532614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	240792	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.57	113	185553	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.08	98	722048	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	252773	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76541	18.229	ug/l	99
3) Chloromethane	2.04	50	103958	18.472	ug/l	99
4) Vinyl Chloride	2.17	62	63645	18.846	ug/l	97
5) Bromomethane	2.54	94	36828	17.945	ug/l	99
6) Chloroethane	2.68	64	35980	18.046	ug/l	93
7) Trichlorofluoromethane	3.00	101	81333	19.942	ug/l	97
8) Diethyl Ether	3.39	74	54318	20.441	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76881	19.203	ug/l	99
10) Methyl Iodide	3.93	142	96370	19.010	ug/l	99
11) Tert butyl alcohol	4.76	59	88788	100.520	ug/l	98
12) 1,1-Dichloroethene	3.71	96	75350	19.253	ug/l	97
13) Acrolein	3.58	56	75777	98.850	ug/l	99
14) Allyl chloride	4.29	41	145550	18.882	ug/l	100
15) Acrylonitrile	4.95	53	239448	100.203	ug/l	100
16) Acetone	3.79	43	268139	99.298	ug/l	99
17) Carbon Disulfide	4.02	76	240058	17.977	ug/l	98
18) Methyl Acetate	4.30	43	122299	19.382	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	271561	20.359	ug/l	98
20) Methylene Chloride	4.52	84	89030	19.432	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	83430	19.052	ug/l	99
22) Diisopropyl ether	5.92	45	295124	20.570	ug/l	98
23) Vinyl Acetate	5.86	43	1219751	105.949	ug/l	99
24) 1,1-Dichloroethane	5.82	63	161034	19.758	ug/l	99
25) 2-Butanone	6.81	43	335404	94.140	ug/l	99
26) 2,2-Dichloropropane	6.80	77	136033	19.297	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	95490	19.634	ug/l	98
28) Bromochloromethane	7.17	49	65697	21.047	ug/l	98
29) Tetrahydrofuran	7.19	42	217922	97.275	ug/l	100
30) Chloroform	7.35	83	154777	19.668	ug/l	100
31) Cyclohexane	7.63	56	149211	18.894	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	131766	19.265	ug/l	99
36) 1,1-Dichloropropene	7.77	75	118625	19.204	ug/l	99
37) Ethyl Acetate	6.90	43	133547	19.355	ug/l	99
38) Carbon Tetrachloride	7.75	117	115487	19.439	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059480.D
 Acq On : 4 Dec 2019 12:08
 Operator : JC/SP
 Sample : VN1204MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1204MBS01

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:19:41 AM

Quant Time: Dec 05 01:27:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	141300	19.008	ug/l	98
40) Benzene	8.02	78	358281	19.807	ug/l	99
41) Methacrylonitrile	7.15	41	55155m	19.724	ug/l	
42) 1,2-Dichloroethane	8.10	62	124415	20.248	ug/l	100
43) Isopropyl Acetate	8.14	43	206647	20.137	ug/l	99
44) Trichloroethene	8.82	130	92935	19.660	ug/l	99
45) 1,2-Dichloropropane	9.10	63	96769	20.024	ug/l	99
46) Dibromomethane	9.19	93	59924	19.917	ug/l	99
47) Bromodichloromethane	9.39	83	121734	20.179	ug/l	99
48) Methyl methacrylate	9.18	41	91002	19.655	ug/l	100
49) 1,4-Dioxane	9.19	88	30474	434.987	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	630534	103.510	ug/l	99
52) Toluene	10.15	92	214770	19.632	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	140336	19.769	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	150989	20.067	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	87874	20.376	ug/l	99
56) Ethyl methacrylate	10.42	69	127391	19.168	ug/l	98
57) 1,3-Dichloropropane	10.70	76	151413	20.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	227276	105.217	ug/l	100
59) 2-Hexanone	10.74	43	459917	100.324	ug/l	100
60) Dibromochloromethane	10.90	129	93111	20.221	ug/l	99
61) 1,2-Dibromoethane	11.00	107	87272	19.584	ug/l	97
64) Tetrachloroethene	10.63	164	86790	19.157	ug/l	99
65) Chlorobenzene	11.43	112	224893	19.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	84462	20.188	ug/l	99
67) Ethyl Benzene	11.51	91	402668	19.739	ug/l	99
68) m/p-Xylenes	11.62	106	298648	39.316	ug/l	96
69) o-Xylene	11.95	106	142494	19.704	ug/l	99
70) Styrene	11.96	104	224063	19.409	ug/l	99
71) Bromoform	12.12	173	65001	19.932	ug/l #	100
73) Isopropylbenzene	12.25	105	376459	19.598	ug/l	99
74) N-amyl acetate	12.07	43	150508	19.452	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	124572	20.217	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	114003m	19.142	ug/l	
77) Bromobenzene	12.53	156	93754	19.531	ug/l	99
78) n-propylbenzene	12.59	91	442144	19.779	ug/l	99
79) 2-Chlorotoluene	12.67	91	265379	19.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	323477	20.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44197	19.475	ug/l	97
82) 4-Chlorotoluene	12.77	91	271228	19.508	ug/l	100
83) tert-Butylbenzene	12.99	119	271605	19.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	309694	19.740	ug/l	100
85) sec-Butylbenzene	13.17	105	359333	19.453	ug/l	100
86) p-Isopropyltoluene	13.29	119	323927	19.569	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	162339	19.181	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	159958	18.740	ug/l	98
89) n-Butylbenzene	13.62	91	271463	18.305	ug/l	99
90) Hexachloroethane	13.88	117	61011	19.111	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	158327	19.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25103	19.675	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
Data File : VN059480.D
Acq On : 4 Dec 2019 12:08
Operator : JC/SP
Sample : VN1204MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

Manual Integrations
APPROVED

apatel
12/5/2019 11:19:41 AM

Quant Time: Dec 05 01:27:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	89072	17.983	ug/l	99
94) Hexachlorobutadiene	15.01	225	57114	19.538	ug/l	99
95) Naphthalene	15.13	128	234895	18.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	91119	19.558	ug/l	99

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

