Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012162.D
Acq On : 13 Oct 2020 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
10/14/2020 10:24:58 AM

Quant Time: Oct 13 17:00:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 13 11:24:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	172689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	708300	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	463657	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1054731	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1145432	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1282235	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	32118	8.22	ng/uL	0.00
5) Phenol-d5	6.80	99	304010	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	189056	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	253876	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	252932	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	118001	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	129635	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	258414	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	279924	18.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	750872	19.78	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	936651	20.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	139629	19.72	ng/ul	0.00
58) Fluorene-d10	15.27	176	688108	21.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	132013	18.89	ng/ul	0.00
71) Anthracene-d10	17.12	188	1064274	20.62	ng/ul	0.00
79) Pyrene-d10	19.42	212	1223321	20.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	1420554	19.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	40277	9.110	ng/uL	98
4) Benzaldehyde	6.78	77	124253	14.685	ng/ul	94
6) Phenol	6.83	94	328040	20.884	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.06	93	260541	20.880	ng/ul	97
10) 2-Chlorophenol	7.20	128	264435	21.448	ng/ul	98
11) 2-Methylphenol	8.07	108	239275	20.335	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.16	45	335583	20.522	ng/ul	98
14) Acetophenone	8.45	105	402887	21.345	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.43	70	212228	22.101	ng/ul	99
16) 4-Methylphenol	8.40	108	265998	21.041	ng/ul	98
17) Hexachloroethane	8.70	117	115477	21.443	ng/ul	99
20) Nitrobenzene	8.82	77	329935	21.320	ng/ul	94
21) Isophorone	9.35	82	559155	20.623	ng/ul	100
23) 2-Nitrophenol	9.53	139	141655	19.981	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	312848	21.608	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	345252	20.293	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	257958	21.612	ng/ul	97
28) Naphthalene	10.45	128	867857	20.916	ng/ul	100
30) 4-Chloroaniline	10.57	127	287495	19.582	ng/ul	99
31) Hexachlorobutadiene	10.74	225	163260	20.726	ng/ul	94
32) Caprolactam	11.35	113	72768m	18.919	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	293167	21.807	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	591685	20.749	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	593475	21.180	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	306145	21.026	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	199183	20.091	ng/ul	92
39) 2,4,6-Trichlorophenol	12.69	196	195658	20.317	ng/ul	95
40) 2,4,5-Trichlorophenol	12.76	196	215258	20.746	ng/ul	98
41) 1,1'-Biphenyl	13.10	154	811312	21.130	ng/ul	96
42) 2-Chloronaphthalene	13.14	162	619359	20.314	ng/ul	99
43) 2-Nitroaniline	13.35	65	187139	21.044	ng/ul	95
45) Dimethylphthalate	13.73	163	800815	20.215	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	159270	20.217	ng/ul	97
48) Acenaphthylene	13.99	152	977371	21.025	ng/ul	98
49) 3-Nitroaniline	14.18	138	134509	18.523	ng/ul	94
50) Acenaphthene	14.33	153	700297	21.215	ng/ul	96
51) 2,4-Dinitrophenol	14.39	184	88469	17.779	ng/ul	92
53) 4-Nitrophenol	14.49	109	137207	21.394	ng/ul	93
54) Dibenzofuran	14.67	168	969673	21.097	ng/ul	97
55) 2,4-Dinitrotoluene	14.64	165	243366	21.298	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.90	232	187173	20.665	ng/ul	96
57) Diethylphthalate	15.11	149	862454	20.886	ng/ul	97
59) Fluorene	15.33	166	822128	21.266	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.32	204	396771	21.033	ng/ul	92
61) 4-Nitroaniline	15.35	138	153978	19.434	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.40	198	144170	18.889	ng/ul	98
65) N-Nitrosodiphenylamine	15.54	169	692946	20.831	ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	241105	20.540	ng/ul	97
67) Hexachlorobenzene	16.33	284	294339	20.919	ng/ul	98
68) Atrazine	16.50	200	257567	20.479	ng/ul	99
69) Pentachlorophenol	16.67	266	165508	19.517	ng/ul	94
70) Phenanthrene	17.06	178	1339005	20.801	ng/ul	97
72) Anthracene	17.16	178	1361840	20.770	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	283467	19.709	ng/uL	98
74) Pentachlorobenzene	14.59	250	315311	20.687	ng/uL	95
75) Carbazole	17.43	167	1183477	21.214	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1542415	20.534	ng/ul	99
77) Fluoranthene	19.09	202	1565133	21.472	ng/ul	99
80) Pyrene	19.45	202	1681446	20.585	ng/ul	96
81) Butylbenzylphthalate	20.37	149	700203	19.332	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.15	252	486120	18.141	ng/ul	98
83) Benzo(a)anthracene	21.21	228	1637395	21.200	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	1073184	19.054	ng/ul#	98
85) Chrysene	21.26	228	1583250	20.597	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	1903201	19.463	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	1751063	19.869	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	1775575	20.577	ng/ul	99
91) Benzo(a)pyrene	23.33	252	1588896	19.746	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.62	276	2059052	20.093	ng/ul	97
93) Dibenzo(a,h)anthracene	25.63	278	1724345	20.016	ng/ul	97
94) Benzo(g,h,i)perylene	26.29	276	1737983	20.346	ng/ul	98

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

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