Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118225.D
Acq On : 17 Dec 2019 14:26
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/18/2019 2:41:03 PM

Quant Time: Dec 18 05:24:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160544	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	620053	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	326143	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	598814	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384387	20.00	ng	-0.01
87) Perylene-d12	15.54	264	334723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	724076	78.99	ng	0.00
7) Phenol-d6	6.50	99	888829	80.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	851679	77.27	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	304266	76.80	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1715551	80.04	ng	-0.01
79) Terphenyl-d14	13.00	244	1815726	81.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	149415	38.659	ng	99
3) Pyridine	3.38	79	386061	38.716	ng	99
4) n-Nitrosodimethylamine	3.35	42	168704	39.328	ng	98
6) Aniline	6.53	93	559019	39.417	ng	99
8) 2-Chlorophenol	6.65	128	407922	39.467	ng	99
9) Benzaldehyde	6.41	77	220132	37.493	ng	96
10) Phenol	6.51	94	499233	39.484	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	365370	39.955	ng	95
12) 1,3-Dichlorobenzene	6.80	146	475397	39.374	ng	98
13) 1,4-Dichlorobenzene	6.88	146	479212	39.415	ng	99
14) 1,2-Dichlorobenzene	7.03	146	454032	39.766	ng	97
15) Benzyl Alcohol	7.01	79	348376	40.254	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	428490	38.971	ng	91
17) 2-Methylphenol	7.12	107	328577	39.970	ng	98
18) Hexachloroethane	7.37	117	177991	39.731	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	269811	40.049	ng	98
20) 3+4-Methylphenols	7.27	107	425436	41.202	ng	93
22) Acetophenone	7.27	105	587786	39.458	ng	99
24) Nitrobenzene	7.45	77	414355	38.265	ng	100
25) Isophorone	7.69	82	711771	38.095	ng	100
26) 2-Nitrophenol	7.76	139	226148	39.073	ng	92
27) 2,4-Dimethylphenol	7.80	122	297877	38.584	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	468689	38.390	ng	100
29) 2,4-Dichlorophenol	8.01	162	349187	38.798	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	413907	39.352	ng	96
31) Naphthalene	8.17	128	1219076	39.148	ng	99
32) Benzoic acid	7.95	122	265059	38.025	ng	96
33) 4-Chloroaniline	8.22	127	509953	37.926	ng	98
34) Hexachlorobutadiene	8.29	225	246689	39.113	ng	99
35) Caprolactam	8.60	113	103249	37.200	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	365941	38.637	ng	98
37) 2-Methylnaphthalene	8.86	142	828663	39.306	ng	98
38) 1-Methylnaphthalene	8.96	142	773815	39.091	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	382830	38.748	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	177972	40.204 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	256659	38.907 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	256951	37.596 ng	95
46) 1,1'-Biphenyl	9.33	154	1007640	39.173 ng	99
47) 2-Chloronaphthalene	9.36	162	807692	39.035 ng	97
48) 2-Nitroaniline	9.46	65	224847	38.106 ng	98
49) Acenaphthylene	9.77	152	1180014	38.666 ng	100
50) Dimethylphthalate	9.63	163	935124	38.817 ng	99
51) 2,6-Dinitrotoluene	9.70	165	200310	38.240 ng	99
52) Acenaphthene	9.95	154	715092	38.389 ng	99
53) 3-Nitroaniline	9.87	138	228924	37.135 ng	92
54) 2,4-Dinitrophenol	9.98	184	107488	41.244 ng	93
55) Dibenzofuran	10.12	168	1064116	38.987 ng	98
56) 4-Nitrophenol	10.03	139	146890	34.334 ng	99
57) 2,4-Dinitrotoluene	10.10	165	269328	38.521 ng	97
58) Fluorene	10.46	166	849472	39.163 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	212501	37.687 ng	99
60) Diethylphthalate	10.33	149	921238	38.813 ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	425140	38.954 ng	93
62) 4-Nitroaniline	10.49	138	239919	37.315 ng	97
63) Azobenzene	10.62	77	783457	38.667 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	122159	36.940 ng	89
66) n-Nitrosodiphenylamine	10.57	169	733759	39.239 ng	100
67) 4-Bromophenyl-phenylether	10.95	248	269714	39.457 ng	93
68) Hexachlorobenzene	11.02	284	315336	39.194 ng	97
69) Atrazine	11.10	200	218821	43.307 ng	98
70) Pentachlorophenol	11.21	266	138306	36.554 ng	98
71) Phenanthrene	11.43	178	1226770	38.539 ng	100
72) Anthracene	11.49	178	1249160	39.337 ng	99
73) Carbazole	11.64	167	1078500	37.854 ng	99
74) Di-n-butylphthalate	11.96	149	1403029	39.348 ng	99
75) Fluoranthene	12.63	202	1213404	37.283 ng	99
77) Benzidine	12.74	184	386062	38.152 ng	99
78) Pyrene	12.86	202	1200044	39.617 ng	99
80) Butylbenzylphthalate	13.47	149	552310	40.260 ng	98
81) Benzo(a)anthracene	14.05	228	1019740	38.366 ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	334592	38.330 ng	99
83) Chrysene	14.09	228	961014	37.851 ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	735592	40.665 ng	99
85) Di-n-octyl phthalate	14.64	149	1069163	39.017 ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	816550	38.223 ng	99
88) Benzo(b)fluoranthene	15.11	252	804266	36.331 ng	99
89) Benzo(k)fluoranthene	15.14	252	822097m	38.656 ng	
90) Benzo(a)pyrene	15.49	252	740885	37.894 ng	99
91) Dibenzo(a,h)anthracene	17.07	278	677111	40.377 ng	99
92) Benzo(g,h,i)perylene	17.52	276	659239	40.910 ng	99

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

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