Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117827.D
Acq On : 18 Nov 2019 11:25
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/19/2019 2:35:22 PM

Quant Time: Nov 19 10:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	314073	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1168522	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	593454	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1102926	20.00	ng	0.00
76) Chrysene-d12	14.12	240	705452	20.00	ng	0.00
87) Perylene-d12	15.62	264	673441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1361333	76.72	ng	0.00
7) Phenol-d6	6.55	99	1648056	77.01	ng	0.00
23) Nitrobenzene-d5	7.49	82	1597798	81.28	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	503025	80.06	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2782803	84.13	ng	0.00
79) Terphenyl-d14	13.06	244	2886400	74.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	314790	37.955	ng	99
3) Pyridine	3.48	79	847030	38.933	ng	99
4) n-Nitrosodimethylamine	3.43	42	360397	37.948	ng	96
6) Aniline	6.59	93	1110222	39.257	ng	99
8) 2-Chlorophenol	6.70	128	763300	39.646	ng	97
9) Benzaldehyde	6.47	77	527130	37.358	ng	96
10) Phenol	6.56	94	883411	39.724	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	690000	38.637	ng	98
12) 1,3-Dichlorobenzene	6.86	146	890722	39.297	ng	98
13) 1,4-Dichlorobenzene	6.94	146	903424	39.432	ng	99
14) 1,2-Dichlorobenzene	7.10	146	857610	39.139	ng	98
15) Benzyl Alcohol	7.06	79	673675	40.773	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1052445	38.277	ng	99
17) 2-Methylphenol	7.17	107	636816	39.058	ng	99
18) Hexachloroethane	7.44	117	332297	39.481	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	505909	38.318	ng	98
20) 3+4-Methylphenols	7.32	107	780372	38.558	ng	94
22) Acetophenone	7.33	105	1032729	39.337	ng	97
24) Nitrobenzene	7.50	77	815263	40.203	ng	96
25) Isophorone	7.75	82	1369205	38.004	ng	96
26) 2-Nitrophenol	7.82	139	413308	41.874	ng	96
27) 2,4-Dimethylphenol	7.85	122	592850	38.654	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	890365	38.944	ng	100
29) 2,4-Dichlorophenol	8.06	162	651590	39.167	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	763000	39.539	ng	98
31) Naphthalene	8.23	128	2144659	39.369	ng	99
32) Benzoic acid	7.95	122	269576m	20.992	ng	
33) 4-Chloroaniline	8.27	127	967784	39.683	ng	99
34) Hexachlorobutadiene	8.35	225	448686	39.769	ng	99
35) Caprolactam	8.65	113	204434	38.665	ng	89
36) 4-Chloro-3-methylphenol	8.75	107	665864	39.438	ng	96
37) 2-Methylnaphthalene	8.93	142	1437046	39.043	ng	99
38) 1-Methylnaphthalene	9.03	142	1362372	39.151	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	687285	39.878	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	375123	38.840	ng		98
43) 2,4,6-Trichlorophenol	9.20	196	502146	40.678	ng		96
44) 2,4,5-Trichlorophenol	9.24	196	505731	39.458	ng		97
46) 1,1'-Biphenyl	9.39	154	1753881	39.835	ng		98
47) 2-Chloronaphthalene	9.42	162	1444420	39.879	ng		99
48) 2-Nitroaniline	9.51	65	448349	41.001	ng		93
49) Acenaphthylene	9.83	152	2114253	40.037	ng		99
50) Dimethylphthalate	9.69	163	1629056	39.145	ng		99
51) 2,6-Dinitrotoluene	9.75	165	374113	41.133	ng		94
52) Acenaphthene	10.01	154	1329858	39.312	ng		99
53) 3-Nitroaniline	9.92	138	447868	41.153	ng		98
54) 2,4-Dinitrophenol	10.02	184	146734	35.788	ng	#	84
55) Dibenzofuran	10.18	168	1852206	39.540	ng		100
56) 4-Nitrophenol	10.07	139	336134	41.378	ng		98
57) 2,4-Dinitrotoluene	10.16	165	484106	41.843	ng		93
58) Fluorene	10.52	166	1418670	39.081	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	414312	39.342	ng		99
60) Diethylphthalate	10.39	149	1577155	38.873	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	726671	39.446	ng		97
62) 4-Nitroaniline	10.54	138	449984	41.295	ng		98
63) Azobenzene	10.67	77	1449509	39.270	ng		98
65) 4,6-Dinitro-2-methylphenol	10.56	198	208377	40.471	ng		84
66) n-Nitrosodiphenylamine	10.63	169	1260394	39.267	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	471339	39.607	ng		92
68) Hexachlorobenzene	11.07	284	548279	39.511	ng		97
69) Atrazine	11.16	200	409231	38.757	ng		97
70) Pentachlorophenol	11.26	266	317465	39.159	ng		100
71) Phenanthrene	11.49	178	2142404	38.636	ng		100
72) Anthracene	11.54	178	2130847	38.758	ng		100
73) Carbazole	11.69	167	1952962	40.650	ng		99
74) Di-n-butylphthalate	12.02	149	2300923	38.465	ng		100
75) Fluoranthene	12.68	202	2146814	42.016	ng		97
77) Benzidine	12.80	184	807477	34.944	ng		99
78) Pyrene	12.92	202	2112802	37.059	ng		99
80) Butylbenzylphthalate	13.53	149	949577	38.780	ng		94
81) Benzo(a)anthracene	14.10	228	1795760	38.521	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	659359	40.436	ng		99
83) Chrysene	14.14	228	1728076	38.255	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1219978	41.096	ng		99
85) Di-n-octyl phthalate	14.70	149	1933338	44.331	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1708377	44.436	ng		100
88) Benzo(b)fluoranthene	15.17	252	1608339	36.759	ng		99
89) Benzo(k)fluoranthene	15.20	252	1610381	39.062	ng		99
90) Benzo(a)pyrene	15.56	252	1460028	37.948	ng		99
91) Dibenzo(a,h)anthracene	17.18	278	1399140	42.250	ng		98
92) Benzo(g,h,i)perylene	17.62	276	1352742	41.012	ng		99

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

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