Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115753.D
Acq On : 25 Jul 2019 11:33
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/26/2019 3:02:37 PM

Quant Time: Jul 25 13:21:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161190	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	688995	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	350273	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	670981	20.00	ng	0.00
76) Chrysene-d12	14.03	240	467907	20.00	ng	0.00
87) Perylene-d12	15.50	264	452285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	777729	78.92	ng	0.00
7) Phenol-d6	6.50	99	993332	79.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	915594	77.27	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	304879	74.57	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1580785	78.99	ng	0.00
79) Terphenyl-d14	12.98	244	1811605	71.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	185987	37.836	ng	100
3) Pyridine	3.42	79	516469	38.726	ng	100
4) n-Nitrosodimethylamine	3.36	42	204434	42.254	ng	100
6) Aniline	6.53	93	684687	39.347	ng	100
8) 2-Chlorophenol	6.66	128	447123	39.464	ng	100
9) Benzaldehyde	6.42	77	305233	39.063	ng	100
10) Phenol	6.52	94	584349	40.257	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	435816	39.435	ng	100
12) 1,3-Dichlorobenzene	6.82	146	494693	38.835	ng	100
13) 1,4-Dichlorobenzene	6.89	146	499184	39.276	ng	100
14) 1,2-Dichlorobenzene	7.05	146	462900	39.842	ng	100
15) Benzyl Alcohol	7.02	79	384754	38.788	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	602363	41.400	ng	100
17) 2-Methylphenol	7.13	107	384558	39.386	ng	100
18) Hexachloroethane	7.39	117	185842	39.394	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	319205	39.142	ng	100
20) 3+4-Methylphenols	7.28	107	441651	38.081	ng	100
22) Acetophenone	7.28	105	589680	37.884	ng	100
24) Nitrobenzene	7.46	77	508277	39.770	ng	100
25) Isophorone	7.69	82	900062	37.960	ng	100
26) 2-Nitrophenol	7.77	139	250200	38.034	ng	100
27) 2,4-Dimethylphenol	7.80	122	353215	35.886	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	572550	39.362	ng	100
29) 2,4-Dichlorophenol	8.02	162	395518	38.638	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	435649	37.650	ng	100
31) Naphthalene	8.17	128	1300101	38.962	ng	100
32) Benzoic acid	7.94	122	281447m	34.843	ng	
33) 4-Chloroaniline	8.22	127	576974	39.036	ng	100
34) Hexachlorobutadiene	8.30	225	253452	38.197	ng	100
35) Caprolactam	8.60	113	122158	38.619	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	414442	39.031	ng	100
37) 2-Methylnaphthalene	8.87	142	861736	38.960	ng	100
38) 1-Methylnaphthalene	8.97	142	817134	38.894	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	397695	37.703	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	249006	41.384	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	270012	35.004	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	286520	36.270	ng	100
46) 1,1'-Biphenyl	9.33	154	1039676	37.967	ng	100
47) 2-Chloronaphthalene	9.36	162	865251	37.947	ng	100
48) 2-Nitroaniline	9.45	65	277842	39.369	ng	100
49) Acenaphthylene	9.77	152	1294199	38.306	ng	100
50) Dimethylphthalate	9.63	163	1022098	38.784	ng	100
51) 2,6-Dinitrotoluene	9.69	165	224217	37.438	ng	100
52) Acenaphthene	9.95	154	795207	36.456	ng	100
53) 3-Nitroaniline	9.86	138	261541	38.215	ng	100
54) 2,4-Dinitrophenol	9.97	184	104954	34.133	ng	100
55) Dibenzofuran	10.12	168	1155920	37.316	ng	100
56) 4-Nitrophenol	10.02	139	176472	33.814	ng	100
57) 2,4-Dinitrotoluene	10.10	165	300281	38.701	ng	100
58) Fluorene	10.46	166	877841	39.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	247242	37.440	ng	100
60) Diethylphthalate	10.33	149	979830	39.682	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	455997	37.132	ng	100
62) 4-Nitroaniline	10.47	138	268522	40.903	ng	100
63) Azobenzene	10.61	77	978243	40.845	ng	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	143899	35.102	ng	100
66) n-Nitrosodiphenylamine	10.57	169	801661	38.409	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	294694	38.433	ng	100
68) Hexachlorobenzene	11.02	284	330406	37.733	ng	100
69) Atrazine	11.09	200	241328	35.245	ng	100
70) Pentachlorophenol	11.20	266	193633	36.155	ng	100
71) Phenanthrene	11.42	178	1316463	38.276	ng	100
72) Anthracene	11.47	178	1361579	38.306	ng	100
73) Carbazole	11.62	167	1242784	39.871	ng	100
74) Di-n-butylphthalate	11.95	149	1544816	40.235	ng	100
75) Fluoranthene	12.61	202	1395440	38.394	ng	100
77) Benzidine	12.72	184	626568	37.800	ng	100
78) Pyrene	12.84	202	1394659	35.181	ng	100
80) Butylbenzylphthalate	13.44	149	651595	38.557	ng	100
81) Benzo(a)anthracene	14.02	228	1194977	38.765	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	420708	38.391	ng	100
83) Chrysene	14.06	228	1155323	37.335	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	887234	42.384	ng	100
85) Di-n-octyl phthalate	14.62	149	1393008	41.824	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1057154	40.211	ng	100
88) Benzo(b)fluoranthene	15.07	252	1028798	35.325	ng	100
89) Benzo(k)fluoranthene	15.10	252	998497	38.455	ng	100
90) Benzo(a)pyrene	15.44	252	939477	37.532	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	874930	39.815	ng	100
92) Benzo(g,h,i)perylene	17.43	276	820369	37.432	ng	100

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

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