Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121984.D
Acq On : 15 Oct 2020 10:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/16/2020 12:47:33 PM

Quant Time: Oct 15 13:04:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	106620	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	390759	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	200280	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	370049	20.00	ng		0.00
76) Chrysene-d12	13.910	240	290614	20.00	ng		0.00
86) Perylene-d12	15.339	264	241590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	574510	79.53	ng		0.00
7) Phenol-d6	6.392	99	713857	76.76	ng		0.00
23) Nitrobenzene-d5	7.316	82	601422	78.93	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	198562	80.15	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1023565	75.20	ng		0.00
79) Terphenyl-d14	12.851	244	1174717	77.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	122894	38.68	ng		99
3) Pyridine	3.140	79	334092	39.99	ng		97
4) n-Nitrosodimethylamine	3.104	42	156459	38.75	ng		100
6) Aniline	6.410	93	441127	38.52	ng	#	59
8) 2-Chlorophenol	6.534	128	285904	39.16	ng		97
9) Benzaldehyde	6.298	77	204331	39.89	ng		99
10) Phenol	6.404	94	371255	38.68	ng		85
11) bis(2-Chloroethyl)ether	6.486	93	285696	38.51	ng		97
12) 1,3-Dichlorobenzene	6.686	146	318835	38.82	ng		97
13) 1,4-Dichlorobenzene	6.763	146	321514	38.99	ng		98
14) 1,2-Dichlorobenzene	6.916	146	292862	38.85	ng		99
15) Benzyl Alcohol	6.898	79	233138	38.76	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	438997	38.45	ng		72
17) 2-Methylphenol	7.010	107	238979	38.28	ng		96
18) Hexachloroethane	7.251	117	117914	39.59	ng		100
19) n-Nitroso-di-n-propyla...	7.163	70	202339	38.22	ng		98
20) 3+4-Methylphenols	7.169	107	291746	38.76	ng	#	76
22) Acetophenone	7.163	105	391659	38.95	ng	#	94
24) Nitrobenzene	7.333	77	317668	39.01	ng		98
25) Isophorone	7.575	82	553338	38.41	ng		99
26) 2-Nitrophenol	7.651	139	150983	40.26	ng		99
27) 2,4-Dimethylphenol	7.692	122	247927	38.78	ng		98
28) bis(2-Chloroethoxy)met...	7.780	93	349607	38.78	ng		99
29) 2,4-Dichlorophenol	7.898	162	236909	39.57	ng		98
30) 1,2,4-Trichlorobenzene	7.975	180	248343	39.01	ng		99
31) Naphthalene	8.051	128	818870	39.12	ng		99
32) Benzoic acid	7.839	122	122907m	35.93	ng		
33) 4-Chloroaniline	8.104	127	351457	39.42	ng		99
34) Hexachlorobutadiene	8.163	225	149299	39.55	ng		99
35) Caprolactam	8.486	113	76538m	40.25	ng		
36) 4-Chloro-3-methylphenol	8.598	107	253960	39.49	ng		98
37) 2-Methylnaphthalene	8.739	142	526354	38.82	ng		99
38) 1-Methylnaphthalene	8.839	142	480759	38.29	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	254283	39.34	ng		98
41) Hexachlorocyclopentadiene	8.892	237	40156	34.12	ng		97
43) 2,4,6-Trichlorophenol	9.027	196	157697	39.54	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	168331	39.08	ng		99
46) 1,1'-Biphenyl	9.204	154	628757	38.61	ng		99
47) 2-Chloronaphthalene	9.233	162	492640	38.90	ng		97
48) 2-Nitroaniline	9.333	65	167877	40.19	ng		99
49) Acenaphthylene	9.645	152	750636	38.59	ng		100
50) Dimethylphthalate	9.504	163	567309	38.74	ng		99
51) 2,6-Dinitrotoluene	9.574	165	127285	39.62	ng		97
52) Acenaphthene	9.816	154	445710	38.52	ng		98
53) 3-Nitroaniline	9.745	138	146317	40.05	ng		100
54) 2,4-Dinitrophenol	9.869	184	50139	35.95	ng		93
55) Dibenzofuran	9.986	168	645234	38.14	ng		98
56) 4-Nitrophenol	9.927	139	64696	32.55	ng		87
57) 2,4-Dinitrotoluene	9.986	165	156825	39.65	ng	#	87
58) Fluorene	10.327	166	533929	39.17	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	135353	40.62	ng		99
60) Diethylphthalate	10.204	149	553303	39.18	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	254554	38.94	ng		99
62) 4-Nitroaniline	10.363	138	145415	39.84	ng		97
63) Azobenzene	10.480	77	588285	39.39	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	90745	37.65	ng		97
66) n-Nitrosodiphenylamine	10.439	169	493833	38.74	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	167226	39.12	ng		99
68) Hexachlorobenzene	10.880	284	185472	38.33	ng		93
69) Atrazine	10.969	200	126488	40.58	ng		100
70) Pentachlorophenol	11.080	266	55714	34.32	ng		100
71) Phenanthrene	11.292	178	788936	38.88	ng		100
72) Anthracene	11.345	178	821568	39.04	ng		99
73) Carbazole	11.504	167	747639	39.96	ng		99
74) Di-n-butylphthalate	11.827	149	863346	40.10	ng		99
75) Fluoranthene	12.480	202	862648	39.65	ng		97
77) Benzidine	12.604	184	338742	37.81	ng		100
78) Pyrene	12.710	202	865690	39.09	ng		99
80) Butylbenzylphthalate	13.321	149	361273	41.13	ng		100
81) Benzo(a)anthracene	13.898	228	752002	39.49	ng		100
82) 3,3'-Dichlorobenzidine	13.857	252	286782	40.60	ng		99
83) Chrysene	13.933	228	735619	39.35	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	496305	41.62	ng		100
85) Di-n-octyl phthalate	14.492	149	795218	41.23	ng		100
87) Indeno(1,2,3-cd)pyrene	16.762	276	622153	39.66	ng		99
88) Benzo(b)fluoranthene	14.933	252	687969	42.13	ng		99
89) Benzo(k)fluoranthene	14.962	252	637262	41.08	ng		99
90) Benzo(a)pyrene	15.286	252	579851	41.11	ng		100
91) Dibenzo(a,h)anthracene	16.768	278	518221	40.12	ng		98
92) Benzo(g,h,i)perylene	17.186	276	515551	39.88	ng		98

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

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