Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124015.D
Acq On : 21 May 2021 12:12
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 21 12:45:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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5/24/2021 2:36:06 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	53543	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	190884	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	99010	20.00	ng		-0.01
64) Phenanthrene-d10	11.416	188	171263	20.00	ng		-0.01
76) Chrysene-d12	14.062	240	105699	20.00	ng		0.00
86) Perylene-d12	15.545	264	96658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	295829	77.57	ng		0.00
7) Phenol-d6	6.522	99	383872	77.60	ng		0.00
23) Nitrobenzene-d5	7.457	82	344157	77.68	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	97905	82.33	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	637869	79.28	ng		-0.01
79) Terphenyl-d14	13.004	244	583511	83.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	63243	37.76	ng		94
3) Pyridine	3.446	79	167869	38.84	ng		97
4) n-Nitrosodimethylamine	3.398	42	105824	37.69	ng	#	91
6) Aniline	6.557	93	217327	38.69	ng		98
8) 2-Chlorophenol	6.681	128	153237	38.61	ng		98
9) Benzaldehyde	6.439	77	88033	41.12	ng		94
10) Phenol	6.534	94	207063	41.41	ng		96
11) bis(2-Chloroethyl)ether	6.628	93	150870	38.82	ng		97
12) 1,3-Dichlorobenzene	6.834	146	183653	39.72	ng		96
13) 1,4-Dichlorobenzene	6.910	146	183636	38.82	ng		96
14) 1,2-Dichlorobenzene	7.063	146	171246	38.74	ng		96
15) Benzyl Alcohol	7.034	79	166960	39.07	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	297194	37.99	ng		97
17) 2-Methylphenol	7.139	107	125698	39.06	ng		92
18) Hexachloroethane	7.410	117	68413	39.02	ng	#	87
19) n-Nitroso-di-n-propyla...	7.310	70	129094	38.62	ng		97
20) 3+4-Methylphenols	7.298	107	158264	37.33	ng	#	89
22) Acetophenone	7.304	105	209334	38.62	ng	#	99
24) Nitrobenzene	7.475	77	176295	38.92	ng		94
25) Isophorone	7.716	82	325609	38.21	ng		97
26) 2-Nitrophenol	7.792	139	72343	42.45	ng		94
27) 2,4-Dimethylphenol	7.828	122	116850	35.81	ng		94
28) bis(2-Chloroethoxy)met...	7.922	93	167224	39.02	ng		97
29) 2,4-Dichlorophenol	8.033	162	129717	39.28	ng		93
30) 1,2,4-Trichlorobenzene	8.116	180	145139	39.09	ng		95
31) Naphthalene	8.198	128	437352	38.71	ng		98
32) Benzoic acid	7.939	122	51782	28.92	ng		90
33) 4-Chloroaniline	8.245	127	165463	38.48	ng		97
34) Hexachlorobutadiene	8.316	225	99889	41.09	ng		98
35) Caprolactam	8.616	113	33664	37.44	ng	#	87
36) 4-Chloro-3-methylphenol	8.722	107	137501	38.07	ng		88
37) 2-Methylnaphthalene	8.892	142	298812	39.03	ng		98
38) 1-Methylnaphthalene	8.986	142	270952	37.92	ng		92
40) 1,2,4,5-Tetrachloroben...	9.057	216	143802	40.27	ng		95
41) Hexachlorocyclopentadiene	9.045	237	85787	37.77	ng		90
43) 2,4,6-Trichlorophenol	9.163	196	88375	38.14	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	96323	40.02	ng		91
46) 1,1'-Biphenyl	9.351	154	349657	40.09	ng		95
47) 2-Chloronaphthalene	9.380	162	274742	39.67	ng		96
48) 2-Nitroaniline	9.469	65	94142	40.25	ng		92
49) Acenaphthylene	9.792	152	399834	39.07	ng		97
50) Dimethylphthalate	9.651	163	316399	40.02	ng		99
51) 2,6-Dinitrotoluene	9.710	165	65541	40.99	ng		96
52) Acenaphthene	9.969	154	272518	38.90	ng		95
53) 3-Nitroaniline	9.880	138	66955	42.14	ng		98
54) 2,4-Dinitrophenol	9.986	184	28085	36.98	ng		91
55) Dibenzofuran	10.139	168	390852	38.85	ng		98
56) 4-Nitrophenol	10.033	139	48278	36.73	ng		94
57) 2,4-Dinitrotoluene	10.116	165	83131	42.39	ng		97
58) Fluorene	10.480	166	298140	39.32	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.251	232	79134	39.98	ng		94
60) Diethylphthalate	10.351	149	309923	39.58	ng		96
61) 4-Chlorophenyl-phenyle...	10.469	204	151704	39.93	ng		98
62) 4-Nitroaniline	10.492	138	61862	39.14	ng		90
63) Azobenzene	10.633	77	346504	39.79	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	41229	38.57	ng		92
66) n-Nitrosodiphenylamine	10.592	169	263939	40.33	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	92050	40.90	ng		100
68) Hexachlorobenzene	11.027	284	99910	39.76	ng		91
69) Atrazine	11.116	200	76008	41.13	ng		99
70) Pentachlorophenol	11.222	266	54727	36.74	ng		94
71) Phenanthrene	11.445	178	414159	38.16	ng		99
72) Anthracene	11.492	178	415673	37.79	ng		99
73) Carbazole	11.645	167	356249	37.02	ng		94
74) Di-n-butylphthalate	11.980	149	455121	37.79	ng		98
75) Fluoranthene	12.633	202	400212	35.61	ng		98
77) Benzidine	12.751	184	113768	44.61	ng	#	93
78) Pyrene	12.863	202	399214	42.54	ng		99
80) Butylbenzylphthalate	13.480	149	156574	42.55	ng		92
81) Benzo(a)anthracene	14.051	228	292746	38.30	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	91752	38.64	ng	#	99
83) Chrysene	14.086	228	294856	40.10	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	208678	40.19	ng		96
85) Di-n-octyl phthalate	14.657	149	326519	41.60	ng		100
87) Indeno(1,2,3-cd)pyrene	17.056	276	304121	40.74	ng	#	94
88) Benzo(b)fluoranthene	15.109	252	287347	38.43	ng	#	96
89) Benzo(k)fluoranthene	15.139	252	251677m	36.93	ng		
90) Benzo(a)pyrene	15.486	252	253409	39.21	ng		96
91) Dibenzo(a,h)anthracene	17.074	278	265867	42.29	ng		98
92) Benzo(g,h,i)perylene	17.509	276	255654	40.55	ng		98

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

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