Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134316.D
Acq On : 17 Jul 2023 15:10
Operator : CG\JU
Sample : PB154180BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 16:16:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB154180BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/31/2023
Supervised By :mohammad ahmed 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	88186	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	355658	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	194642	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	392806	20.000	ng		0.00
76) Chrysene-d12	14.033	240	287077	20.000	ng		0.00
86) Perylene-d12	15.533	264	239324	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	618867	117.391	ng		0.01
7) Phenol-d6	6.481	99	754725	116.410	ng		0.00
23) Nitrobenzene-d5	7.404	82	523611	79.361	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	317343	130.036	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1071262	80.019	ng		0.00
79) Terphenyl-d14	12.969	244	1385700	77.685	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	84869	39.043	ng		99
3) Pyridine	3.481	79	162803	28.753	ng		99
4) n-Nitrosodimethylamine	3.434	42	132158	40.868	ng		98
6) Aniline	6.504	93	164035	20.792	ng	#	72
8) 2-Chlorophenol	6.628	128	249977	46.711	ng		96
9) Benzaldehyde	6.393	77	36226	7.662	ng		97
10) Phenol	6.498	94	291553	42.770	ng		89
11) bis(2-Chloroethyl)ether	6.575	93	226318	45.095	ng		96
12) 1,3-Dichlorobenzene	6.775	146	259763	45.529	ng		100
13) 1,4-Dichlorobenzene	6.851	146	263945	45.802	ng		98
14) 1,2-Dichlorobenzene	7.004	146	248018	45.954	ng		99
15) Benzyl Alcohol	6.987	79	230093	46.036	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	352050	39.652	ng		81
17) 2-Methylphenol	7.098	107	208550	43.518	ng		95
18) Hexachloroethane	7.345	117	100512	47.039	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	185589	45.139	ng		95
20) 3+4-Methylphenols	7.251	107	261929	45.053	ng		92
22) Acetophenone	7.251	105	365299	45.162	ng	#	97
24) Nitrobenzene	7.422	77	279767	41.961	ng		92
25) Isophorone	7.657	82	500657	41.753	ng		97
26) 2-Nitrophenol	7.740	139	141485	44.236	ng		96
27) 2,4-Dimethylphenol	7.775	122	227444	44.924	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	288387	41.535	ng		98
29) 2,4-Dichlorophenol	7.981	162	220173	43.856	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	229545	44.312	ng		98
31) Naphthalene	8.140	128	712439	41.471	ng		99
32) Benzoic acid	7.922	122	173192	45.652	ng		91
33) 4-Chloroaniline	8.192	127	76157	10.363	ng		98
34) Hexachlorobutadiene	8.251	225	149338	45.701	ng		98
35) Caprolactam	8.569	113	74101m	44.828	ng		
36) 4-Chloro-3-methylphenol	8.681	107	261227	46.318	ng		94
37) 2-Methylnaphthalene	8.828	142	494417	40.698	ng		100
38) 1-Methylnaphthalene	8.928	142	463232	41.016	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	246623	42.768	ng		100
41) Hexachlorocyclopentadiene	8.981	237	201079	73.500	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	162891	41.495	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	174673	37.828	ng		98
46) 1,1'-Biphenyl	9.298	154	656342	42.037	ng		98
47) 2-Chloronaphthalene	9.322	162	475841	41.653	ng		96
48) 2-Nitroaniline	9.428	65	168876	40.562	ng		92
49) Acenaphthylene	9.739	152	772560	39.588	ng		99
50) Dimethylphthalate	9.604	163	603018	42.679	ng		98
51) 2,6-Dinitrotoluene	9.669	165	130199	42.784	ng		92
52) Acenaphthene	9.910	154	462545	40.848	ng		99
53) 3-Nitroaniline	9.839	138	83495	22.870	ng		97
54) 2,4-Dinitrophenol	9.957	184	146722	83.317	ng		95
55) Dibenzofuran	10.086	168	712748	40.275	ng		98
56) 4-Nitrophenol	10.016	139	187342	73.361	ng		95
57) 2,4-Dinitrotoluene	10.081	165	170250	42.362	ng	#	83
58) Fluorene	10.428	166	574215	41.707	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	152620	41.902	ng		98
60) Diethylphthalate	10.304	149	629731	42.780	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	285620	43.047	ng		99
62) 4-Nitroaniline	10.463	138	129311	35.146	ng		91
63) Azobenzene	10.581	77	571942	41.075	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	99567	46.493	ng		86
66) n-Nitrosodiphenylamine	10.545	169	513068	40.881	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	178763	42.817	ng	#	91
68) Hexachlorobenzene	10.981	284	210902	47.576	ng		97
69) Atrazine	11.075	200	112619	32.441	ng		99
70) Pentachlorophenol	11.181	266	192932	72.790	ng		97
71) Phenanthrene	11.398	178	832180	42.083	ng		99
72) Anthracene	11.451	178	840320	40.856	ng		100
73) Carbazole	11.610	167	804258	42.721	ng		99
74) Di-n-butylphthalate	11.933	149	1013277	45.261	ng		100
75) Fluoranthene	12.592	202	928083	43.413	ng		99
77) Benzidine	12.716	184	74327	10.881	ng		99
78) Pyrene	12.822	202	949859	35.553	ng		100
80) Butylbenzylphthalate	13.445	149	415945	41.512	ng		97
81) Benzo(a)anthracene	14.022	228	840922	42.238	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	211146	33.474	ng		99
83) Chrysene	14.063	228	794503	41.201	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	569279	49.445	ng		99
85) Di-n-octyl phthalate	14.627	149	947131	55.985	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	673891	40.579	ng		96
88) Benzo(b)fluoranthene	15.092	252	785500	55.818	ng		100
89) Benzo(k)fluoranthene	15.127	252	691429m	48.257	ng		
90) Benzo(a)pyrene	15.474	252	622295	45.730	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	568055	41.879	ng	#	96
92) Benzo(g,h,i)perylene	17.551	276	546353	39.059	ng		96

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

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