Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134283.D
Acq On : 14 Jul 2023 10:49
Operator : CG\JU
Sample : PB154160BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 00:21:51 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 :
PB154160BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	86595	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	344483	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	180200	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	356350	20.000	ng		0.00
76) Chrysene-d12	14.045	240	270560	20.000	ng		0.00
86) Perylene-d12	15.551	264	254078	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	609858	117.807	ng		0.02
7) Phenol-d6	6.492	99	731111	114.839	ng		0.00
23) Nitrobenzene-d5	7.410	82	507750	79.454	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	276161	122.230	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	981417	79.183	ng		0.00
79) Terphenyl-d14	12.980	244	1244940	74.055	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	82861	38.819	ng		99
3) Pyridine	3.469	79	165917	29.842	ng		97
4) n-Nitrosodimethylamine	3.428	42	130310	41.037	ng		99
6) Aniline	6.510	93	164034	21.174	ng	#	77
8) 2-Chlorophenol	6.634	128	241347	45.927	ng		95
9) Benzaldehyde	6.398	77	58212	13.685	ng		97
10) Phenol	6.504	94	286325	42.775	ng		87
11) bis(2-Chloroethyl)ether	6.581	93	222270	45.103	ng		97
12) 1,3-Dichlorobenzene	6.787	146	256705	45.820	ng		97
13) 1,4-Dichlorobenzene	6.863	146	255306	45.117	ng		100
14) 1,2-Dichlorobenzene	7.010	146	246562	46.524	ng		99
15) Benzyl Alcohol	6.992	79	222494	45.334	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	346666	39.762	ng		93
17) 2-Methylphenol	7.104	107	198465	42.175	ng		94
18) Hexachloroethane	7.351	117	98787	47.082	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	177083	43.861	ng		99
20) 3+4-Methylphenols	7.257	107	248582	43.543	ng		93
22) Acetophenone	7.257	105	348597	44.496	ng	#	96
24) Nitrobenzene	7.428	77	264512	40.960	ng		95
25) Isophorone	7.669	82	472996	40.725	ng		99
26) 2-Nitrophenol	7.745	139	129958	41.950	ng		98
27) 2,4-Dimethylphenol	7.781	122	212673	43.370	ng		93
28) bis(2-Chloroethoxy)met...	7.875	93	270710	40.254	ng		99
29) 2,4-Dichlorophenol	7.986	162	204556	42.067	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	217467	43.342	ng		97
31) Naphthalene	8.145	128	687619	41.324	ng		100
32) Benzoic acid	7.922	122	164367	44.731	ng		94
33) 4-Chloroaniline	8.198	127	79659	11.192	ng		98
34) Hexachlorobutadiene	8.257	225	140975	44.541	ng		97
35) Caprolactam	8.575	113	69125m	43.174	ng		
36) 4-Chloro-3-methylphenol	8.686	107	236271	43.252	ng		95
37) 2-Methylnaphthalene	8.839	142	465669	39.575	ng		99
38) 1-Methylnaphthalene	8.939	142	435301	39.794	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	233400	43.718	ng		99
41) Hexachlorocyclopentadiene	8.986	237	198871	78.519	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	149496	41.135	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	160673	37.585	ng		100
46)	1,1'-Biphenyl	9.304	154	599484	41.472	ng		97
47)	2-Chloronaphthalene	9.333	162	438294	41.442	ng		98
48)	2-Nitroaniline	9.433	65	154095	39.978	ng		98
49)	Acenaphthylene	9.745	152	719550	39.827	ng		99
50)	Dimethylphthalate	9.610	163	531299	40.617	ng		100
51)	2,6-Dinitrotoluene	9.675	165	115927	41.147	ng		89
52)	Acenaphthene	9.922	154	429234	40.944	ng		100
53)	3-Nitroaniline	9.845	138	80703	23.877	ng		96
54)	2,4-Dinitrophenol	9.963	184	134962	82.806	ng		94
55)	Dibenzofuran	10.092	168	656230	40.054	ng		98
56)	4-Nitrophenol	10.022	139	174910	73.982	ng		95
57)	2,4-Dinitrotoluene	10.086	165	156340	42.019	ng		91
58)	Fluorene	10.439	166	526946	41.341	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	138268	41.004	ng		99
60)	Diethylphthalate	10.310	149	562851	41.301	ng		99
61)	4-Chlorophenyl-phenyle...	10.428	204	250321	40.751	ng		99
62)	4-Nitroaniline	10.469	138	126810	37.229	ng		93
63)	Azobenzene	10.592	77	516082	40.034	ng		98
65)	4,6-Dinitro-2-methylph...	10.498	198	92393	47.557	ng		91
66)	n-Nitrosodiphenylamine	10.551	169	462983	40.664	ng		99
67)	4-Bromophenyl-phenylether	10.922	248	158852	41.940	ng		99
68)	Hexachlorobenzene	10.986	284	186258	46.315	ng		99
69)	Atrazine	11.080	200	118417	37.601	ng		99
70)	Pentachlorophenol	11.186	266	179118	74.492	ng		99
71)	Phenanthrene	11.404	178	746226	41.597	ng		99
72)	Anthracene	11.457	178	767740	41.146	ng		99
73)	Carbazole	11.616	167	732817	42.908	ng		99
74)	Di-n-butylphthalate	11.945	149	886638	43.656	ng		99
75)	Fluoranthene	12.604	202	847245	43.686	ng		98
77)	Benzidine	12.727	184	115908	18.004	ng		99
78)	Pyrene	12.833	202	876244	34.800	ng		99
80)	Butylbenzylphthalate	13.457	149	382880	40.545	ng		95
81)	Benzo(a)anthracene	14.033	228	784583	41.814	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	199850	33.618	ng		99
83)	Chrysene	14.074	228	748755	41.199	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.015	149	526807	48.549	ng		100
85)	Di-n-octyl phthalate	14.639	149	877287	55.023	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.109	276	718914	40.777	ng		96
88)	Benzo(b)fluoranthene	15.104	252	755479	50.568	ng		98
89)	Benzo(k)fluoranthene	15.139	252	713826	46.928	ng		96
90)	Benzo(a)pyrene	15.486	252	637715	44.142	ng		98
91)	Dibenzo(a,h)anthracene	17.121	278	607447	42.183	ng		96
92)	Benzo(g,h,i)perylene	17.580	276	579999	39.057	ng	#	96

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

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