Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
Data File : BF128560.D
Acq On : 28 May 2022 21:08
Operator : CG\JU
Sample : N2932-17MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 28 22:43:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	172435	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	639476	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	332725	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	548150	20.000	ng		0.00
76) Chrysene-d12	14.010	240	338441	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	358803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1160047	111.434	ng		0.01
7) Phenol-d6	6.475	99	1481076	111.583	ng		0.00
23) Nitrobenzene-d5	7.404	82	1016931	91.739	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	376696	118.945	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1765492	86.206	ng		0.00
79) Terphenyl-d14	12.951	244	1469951	83.911	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	187262	40.342	ng		98
3) Pyridine	3.422	79	485733	40.418	ng		98
4) n-Nitrosodimethylamine	3.387	42	318702	50.606	ng		90
6) Aniline	6.498	93	664549	42.905	ng		97
8) 2-Chlorophenol	6.622	128	540893	50.109	ng		96
9) Benzaldehyde	6.393	77	357531	78.217	ng		98
10) Phenol	6.487	94	633423m	48.159	ng		
11) bis(2-Chloroethyl)ether	6.581	93	509493	47.320	ng		97
12) 1,3-Dichlorobenzene	6.781	146	585811	47.766	ng		99
13) 1,4-Dichlorobenzene	6.857	146	587838	47.388	ng		99
14) 1,2-Dichlorobenzene	7.010	146	563749	49.377	ng		99
15) Benzyl Alcohol	6.981	79	490237	48.426	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	884461	46.415	ng		98
17) 2-Methylphenol	7.092	107	436082	47.466	ng		97
18) Hexachloroethane	7.351	117	220542	50.401	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	383548	47.128	ng		98
20) 3+4-Methylphenols	7.245	107	505413	45.537	ng		91
22) Acetophenone	7.251	105	719788	48.815	ng	#	89
24) Nitrobenzene	7.428	77	587812	53.638	ng		96
25) Isophorone	7.663	82	1082728	52.948	ng		97
26) 2-Nitrophenol	7.739	139	275067	60.054	ng		97
27) 2,4-Dimethylphenol	7.775	122	507673m	55.763	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	625199	47.109	ng		99
29) 2,4-Dichlorophenol	7.981	162	450539	47.818	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	482924	47.319	ng		98
31) Naphthalene	8.145	128	1498959	47.893	ng		100
32) Benzoic acid	7.904	122	353627	54.948	ng		97
33) 4-Chloroaniline	8.192	127	387733	31.113	ng		98
34) Hexachlorobutadiene	8.263	225	315794	49.008	ng		99
35) Caprolactam	8.575	113	138562m	47.692	ng		
36) 4-Chloro-3-methylphenol	8.675	107	477980	49.383	ng		97
37) 2-Methylnaphthalene	8.834	142	947872	47.980	ng		99
38) 1-Methylnaphthalene	8.934	142	895402	46.601	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	462260	50.594	ng		99
41) Hexachlorocyclopentadiene	8.992	237	517028	100.668	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	328941	48.821	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	341178	49.145	ng	#	94
46) 1,1'-Biphenyl	9.304	154	1159939	49.648	ng		99
47) 2-Chloronaphthalene	9.328	162	914213	49.848	ng		99
48) 2-Nitroaniline	9.422	65	312866	61.347	ng		98
49) Acenaphthylene	9.745	152	1443022	51.217	ng		99
50) Dimethylphthalate	9.610	163	1091816	50.588	ng		100
51) 2,6-Dinitrotoluene	9.669	165	238204	60.221	ng		97
52) Acenaphthene	9.916	154	945523	54.393	ng		99
53) 3-Nitroaniline	9.833	138	190474	41.697	ng		97
54) 2,4-Dinitrophenol	9.939	184	210898	102.978	ng		93
55) Dibenzofuran	10.086	168	1220962	47.340	ng		94
56) 4-Nitrophenol	9.998	139	364376	98.300	ng		82
57) 2,4-Dinitrotoluene	10.069	165	306049	64.673	ng		96
58) Fluorene	10.433	166	898731	48.403	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	266135	47.305	ng		99
60) Diethylphthalate	10.310	149	1040750	49.641	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	458638	48.685	ng		93
62) 4-Nitroaniline	10.451	138	215784	49.338	ng		94
63) Azobenzene	10.586	77	1007466	47.201	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	137048	53.402	ng		96
66) n-Nitrosodiphenylamine	10.545	169	859806	52.392	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	296408	52.338	ng		94
68) Hexachlorobenzene	10.975	284	321613	51.424	ng		99
69) Atrazine	11.075	200	277158	54.416	ng		98
70) Pentachlorophenol	11.169	266	351554	92.243	ng		97
71) Phenanthrene	11.392	178	1248393	48.077	ng		99
72) Anthracene	11.445	178	1271122	49.007	ng		99
73) Carbazole	11.598	167	1087826	43.763	ng		99
74) Di-n-butylphthalate	11.933	149	1461170	49.943	ng		100
75) Fluoranthene	12.580	202	1175403	42.340	ng		97
77) Benzidine	12.704	184	666887	85.429	ng		99
78) Pyrene	12.810	202	1165840	45.725	ng		99
80) Butylbenzylphthalate	13.433	149	521376	48.480	ng		92
81) Benzo(a)anthracene	13.998	228	966208	48.032	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	360807	70.047	ng		99
83) Chrysene	14.033	228	976620	47.406	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	691180	53.138	ng		99
85) Di-n-octyl phthalate	14.610	149	1196767	52.269	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1048664	49.553	ng		96
88) Benzo(b)fluoranthene	15.045	252	1118078	50.093	ng		99
89) Benzo(k)fluoranthene	15.080	252	963385m	46.585	ng		
90) Benzo(a)pyrene	15.415	252	1010051	56.403	ng	#	97
91) Dibenzo(a,h)anthracene	16.957	278	923843	52.651	ng		97
92) Benzo(g,h,i)perylene	17.380	276	879539	50.536	ng		96

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

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