Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128572.D
Acq On : 29 May 2022 15:33
Operator : CG\JU
Sample : N3056-11MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 30 00:51:15 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 :
N3056-09MSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	150490	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	521335	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	315900	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	477710	20.000	ng		0.00
76) Chrysene-d12	14.010	240	289263	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	299203	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	503440	55.412	ng		0.01
7) Phenol-d6	6.481	99	523808	45.218	ng		0.01
23) Nitrobenzene-d5	7.416	82	963408	106.606	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	390759	129.957	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1774145	91.243	ng		0.00
79) Terphenyl-d14	12.957	244	1390651	92.880	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	86017	21.233	ng	#	94
3) Pyridine	3.416	79	191504	18.259	ng		95
4) n-Nitrosodimethylamine	3.363	42	148846	27.082	ng	#	87
6) Aniline	6.510	93	307755	22.767	ng		97
8) 2-Chlorophenol	6.634	128	428144	45.448	ng		99
9) Benzaldehyde	6.398	77	566233	Below Cal		#	1
10) Phenol	6.493	94	215771m	18.797	ng		
11) bis(2-Chloroethyl)ether	6.593	93	479925	51.073	ng		98
12) 1,3-Dichlorobenzene	6.787	146	499361	46.654	ng		98
13) 1,4-Dichlorobenzene	6.863	146	521486	48.169	ng		99
14) 1,2-Dichlorobenzene	7.016	146	438065	43.964	ng		98
15) Benzyl Alcohol	6.993	79	330626	37.422	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	773441	46.508	ng		88
17) 2-Methylphenol	7.104	107	263627	32.879	ng	#	90
18) Hexachloroethane	7.381	117	678842	177.762	ng	#	1
19) n-Nitroso-di-n-propyla...	7.263	70	372715	52.476	ng		95
20) 3+4-Methylphenols	7.251	107	313369	32.351	ng	#	44
22) Acetophenone	7.257	105	1255000	104.401	ng	#	91
24) Nitrobenzene	7.434	77	604825	67.697	ng		100
25) Isophorone	7.675	82	996376	59.766	ng	#	97
26) 2-Nitrophenol	7.745	139	239865	64.236	ng		89
27) 2,4-Dimethylphenol	7.787	122	479054m	64.543	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	557466	51.524	ng		99
29) 2,4-Dichlorophenol	7.992	162	378279	49.247	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	447375	53.770	ng		98
31) Naphthalene	8.163	128	5461440	214.040	ng		95
32) Benzoic acid	7.940	122	241282m	45.987	ng		
33) 4-Chloroaniline	8.198	127	193120	19.009	ng		94
34) Hexachlorobutadiene	8.263	225	296660	56.471	ng		98
35) Caprolactam	8.681	113	12413m	5.241	ng		
36) 4-Chloro-3-methylphenol	8.681	107	424175	53.755	ng		99
37) 2-Methylnaphthalene	8.839	142	1506769	93.554	ng		99
38) 1-Methylnaphthalene	8.940	142	1361084	86.890	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	430146	49.586	ng		98
41) Hexachlorocyclopentadiene	8.992	237	472035	96.802	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	272808	42.646	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	251554	38.165	ng	#	52
46) 1,1'-Biphenyl	9.304	154	1097456	49.476	ng		99
47) 2-Chloronaphthalene	9.334	162	835685	47.993	ng		98
48) 2-Nitroaniline	9.434	65	364909	75.363	ng		93
49) Acenaphthylene	9.745	152	1306513	48.842	ng		100
50) Dimethylphthalate	9.616	163	911724	44.493	ng	#	57
51) 2,6-Dinitrotoluene	9.675	165	219442	58.433	ng		93
52) Acenaphthene	9.922	154	884550m	53.595	ng		
53) 3-Nitroaniline	9.839	138	62438	14.396	ng		95
54) 2,4-Dinitrophenol	9.945	184	176195	91.434	ng		92
55) Dibenzofuran	10.092	168	1166907	47.653	ng		95
56) 4-Nitrophenol	10.010	139	134241	38.144	ng	#	79
57) 2,4-Dinitrotoluene	10.075	165	278188	61.917	ng		94
58) Fluorene	10.434	166	875243	49.649	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	230074	43.073	ng		96
60) Diethylphthalate	10.316	149	953377	47.895	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	435240	48.662	ng		95
62) 4-Nitroaniline	10.457	138	141970	34.190	ng		95
63) Azobenzene	10.586	77	941338	46.452	ng		98
65) 4,6-Dinitro-2-methylph...	10.481	198	113958	51.205	ng		90
66) n-Nitrosodiphenylamine	10.545	169	801465	56.038	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	282646	57.267	ng		94
68) Hexachlorobenzene	10.981	284	314721	57.743	ng		95
69) Atrazine	11.086	200	200737	45.223	ng		100
70) Pentachlorophenol	11.175	266	338223	101.831	ng		98
71) Phenanthrene	11.398	178	1232780	54.476	ng		99
72) Anthracene	11.445	178	1198977	53.042	ng		99
73) Carbazole	11.604	167	1081256	49.913	ng		99
74) Di-n-butylphthalate	11.933	149	1325508	51.987	ng		100
75) Fluoranthene	12.580	202	1132636	46.815	ng		98
78) Pyrene	12.810	202	1107533	50.823	ng		99
80) Butylbenzylphthalate	13.433	149	467283	50.838	ng		98
81) Benzo(a)anthracene	13.998	228	903144	52.530	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	36571	8.307	ng		99
83) Chrysene	14.033	228	885654	50.300	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	604997	54.420	ng		100
85) Di-n-octyl phthalate	14.610	149	1076043	54.986	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1041583	59.023	ng		95
88) Benzo(b)fluoranthene	15.045	252	1014957	54.531	ng		99
89) Benzo(k)fluoranthene	15.080	252	874839m	50.730	ng		
90) Benzo(a)pyrene	15.416	252	912582	61.112	ng	#	97
91) Dibenzo(a,h)anthracene	16.957	278	915212	62.549	ng		97
92) Benzo(g,h,i)perylene	17.380	276	892017	61.463	ng		96

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

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