Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128580.D
Acq On : 29 May 2022 19:31
Operator : CG\JU
Sample : N2951-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 30 00:52:25 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 :
P035-SS001-0006-01MS

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	6.839	152	103002	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	341767	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	167417	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	314304	20.000	ng		0.00
76) Chrysene-d12	14.010	240	270554	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	205696	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	558532	89.819	ng		0.00
7) Phenol-d6	6.469	99	666337	84.042	ng		0.00
23) Nitrobenzene-d5	7.404	82	459275	77.523	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	170130	106.763	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	797167	77.359	ng		0.00
79) Terphenyl-d14	12.951	244	957342	68.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	123815	44.654	ng		95
3) Pyridine	3.393	79	305622	42.573	ng		94
4) n-Nitrosodimethylamine	3.346	42	208325	55.379	ng		87
6) Aniline	6.539	93	265353m	28.680	ng		
8) 2-Chlorophenol	6.622	128	304762	47.265	ng		96
9) Benzaldehyde	6.392	77	209025	75.308	ng		96
10) Phenol	6.481	94	347765m	44.264	ng		
11) bis(2-Chloroethyl)ether	6.575	93	310046	48.207	ng		99
12) 1,3-Dichlorobenzene	6.781	146	364987	49.822	ng		99
13) 1,4-Dichlorobenzene	6.857	146	367561	49.604	ng		99
14) 1,2-Dichlorobenzene	7.010	146	343107	50.310	ng		99
15) Benzyl Alcohol	6.981	79	278330	46.027	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	508773	44.697	ng		98
17) 2-Methylphenol	7.092	107	229305	41.784	ng		96
18) Hexachloroethane	7.351	117	124487	47.627	ng		93
19) n-Nitroso-di-n-propyla...	7.251	70	216745	44.585	ng		97
20) 3+4-Methylphenols	7.245	107	279005	42.083	ng	#	75
22) Acetophenone	7.251	105	418809	53.145	ng	#	94
24) Nitrobenzene	7.422	77	328634	56.110	ng		99
25) Isophorone	7.663	82	569640	52.122	ng		99
26) 2-Nitrophenol	7.739	139	143401	58.580	ng		98
27) 2,4-Dimethylphenol	7.775	122	261622m	53.769	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	338546	47.730	ng		99
29) 2,4-Dichlorophenol	7.981	162	229647	45.605	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	269710	49.448	ng		99
31) Naphthalene	8.145	128	824613	49.297	ng		100
32) Benzoic acid	7.881	122	162047	47.113	ng		97
33) 4-Chloroaniline	8.198	127	144028	21.625	ng		99
34) Hexachlorobutadiene	8.263	225	181507	52.705	ng		98
35) Caprolactam	8.557	113	65561m	42.222	ng		
36) 4-Chloro-3-methylphenol	8.675	107	233487	45.136	ng		99
37) 2-Methylnaphthalene	8.833	142	499173	47.278	ng		98
38) 1-Methylnaphthalene	8.933	142	466437	45.422	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	251671	54.743	ng		99
41) Hexachlorocyclopentadiene	8.986	237	139243	53.881	ng		99
43) 2,4,6-Trichlorophenol	9.110	196	162275	47.866	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	166294	47.605	ng	#	94
46) 1,1'-Biphenyl	9.298	154	611064	51.981	ng		99
47) 2-Chloronaphthalene	9.328	162	466185	50.517	ng		97
48) 2-Nitroaniline	9.422	65	160409	62.510	ng		98
49) Acenaphthylene	9.739	152	730156	51.504	ng		99
50) Dimethylphthalate	9.604	163	560507	51.613	ng		100
51) 2,6-Dinitrotoluene	9.663	165	114045	57.301	ng		95
52) Acenaphthene	9.916	154	447019	51.107	ng		99
53) 3-Nitroaniline	9.828	138	93328	40.604	ng		98
54) 2,4-Dinitrophenol	9.933	184	53670	55.453	ng		88
55) Dibenzofuran	10.086	168	635711	48.986	ng		97
56) 4-Nitrophenol	9.992	139	198738	106.554	ng		86
57) 2,4-Dinitrotoluene	10.063	165	151036	63.431	ng		98
58) Fluorene	10.427	166	478849	51.254	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	139793	49.383	ng		98
60) Diethylphthalate	10.304	149	544204	51.587	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	246921	52.092	ng		94
62) 4-Nitroaniline	10.445	138	111016	50.447	ng		91
63) Azobenzene	10.580	77	516992	48.138	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	38533	28.990	ng		95
66) n-Nitrosodiphenylamine	10.539	169	446733	47.474	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	152501	46.962	ng		93
68) Hexachlorobenzene	10.975	284	175181	48.851	ng		94
69) Atrazine	11.069	200	151686	51.939	ng		97
70) Pentachlorophenol	11.169	266	216162	98.917	ng		100
71) Phenanthrene	11.392	178	754009	50.642	ng		99
72) Anthracene	11.439	178	760673	51.147	ng		99
73) Carbazole	11.598	167	686254	48.148	ng		99
74) Di-n-butylphthalate	11.933	149	873598	52.076	ng		99
75) Fluoranthene	12.580	202	858573	53.937	ng		97
77) Benzidine	12.704	184	33526	5.372	ng	#	93
78) Pyrene	12.810	202	903705	44.338	ng		99
80) Butylbenzylphthalate	13.433	149	406693	47.305	ng		96
81) Benzo(a)anthracene	13.998	228	788551	49.036	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	185148	44.964	ng		99
83) Chrysene	14.033	228	770840	46.806	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	553312	53.212	ng		99
85) Di-n-octyl phthalate	14.610	149	946400	51.706	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	547141	45.099	ng		95
88) Benzo(b)fluoranthene	15.045	252	687795	53.752	ng		98
89) Benzo(k)fluoranthene	15.080	252	615346	51.904	ng	#	97
90) Benzo(a)pyrene	15.415	252	577441	56.247	ng	#	97
91) Dibenzo(a,h)anthracene	16.956	278	498910	49.598	ng		96
92) Benzo(g,h,i)perylene	17.374	276	460227	46.127	ng		95

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

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