Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129228.D
Acq On : 15 Jul 2022 08:58
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 10:55:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 10:55:05 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	327526	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1349009	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	725690	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1236856	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	929525	20.000	ng		0.00
86) Perylene-d12	15.562	264	802599	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	234831	11.304	ng		0.00
7) Phenol-d6	6.510	99	298491	11.259	ng		-0.02
23) Nitrobenzene-d5	7.451	82	267181	10.498	ng		-0.02
42) 2,4,6-Tribromophenol	10.722	330	73068	11.185	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	532432	11.339	ng		-0.01
79) Terphenyl-d14	13.010	244	551446	11.910	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	48367	5.032	ng		91
3) Pyridine	3.546	79	115664	4.754	ng		93
4) n-Nitrosodimethylamine	3.446	42	57057	4.718	ng	#	88
6) Aniline	6.557	93	165102	5.352	ng		99
8) 2-Chlorophenol	6.675	128	121034	5.636	ng		99
9) Benzaldehyde	6.445	77	95315	6.459	ng		97
10) Phenol	6.522	94	146474	5.199	ng		96
11) bis(2-Chloroethyl)ether	6.622	93	119005	5.610	ng		98
12) 1,3-Dichlorobenzene	6.834	146	128922	5.622	ng		98
13) 1,4-Dichlorobenzene	6.916	146	130680	5.665	ng		97
14) 1,2-Dichlorobenzene	7.063	146	126194	5.711	ng		99
15) Benzyl Alcohol	7.034	79	84507	4.622	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	192121	5.596	ng		93
17) 2-Methylphenol	7.139	107	110423	6.257	ng		98
18) Hexachloroethane	7.410	117	46579	5.350	ng		87
19) n-Nitroso-di-n-propyla...	7.298	70	89428	5.894	ng		97
20) 3+4-Methylphenols	7.292	107	132813	6.079	ng		90
22) Acetophenone	7.298	105	175603	5.623	ng	#	98
24) Nitrobenzene	7.475	77	127406	5.273	ng		95
25) Isophorone	7.710	82	223592	5.323	ng		99
26) 2-Nitrophenol	7.792	139	58013	5.060	ng		92
27) 2,4-Dimethylphenol	7.822	122	94269	5.082	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	150220	5.425	ng		98
29) 2,4-Dichlorophenol	8.028	162	96642	5.246	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	104963	5.439	ng		96
31) Naphthalene	8.198	128	365274	5.732	ng		100
32) Benzoic acid	7.881	122	61012	4.191	ng		96
33) 4-Chloroaniline	8.245	127	145563	5.577	ng		97
34) Hexachlorobutadiene	8.316	225	58974	5.504	ng		99
35) Caprolactam	8.581	113	30922	5.057	ng		93
36) 4-Chloro-3-methylphenol	8.722	107	108046	5.358	ng		90
37) 2-Methylnaphthalene	8.892	142	239294	5.847	ng		97
38) 1-Methylnaphthalene	8.992	142	229794	5.796	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	99498	5.402	ng		99
41) Hexachlorocyclopentadiene	9.045	237	40025	4.383	ng		95
43) 2,4,6-Trichlorophenol	9.169	196	69735	5.089	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	71213	5.106	ng		94
46) 1,1'-Biphenyl	9.357	154	295949	5.650	ng		99
47) 2-Chloronaphthalene	9.380	162	227610	5.540	ng		97
48) 2-Nitroaniline	9.475	65	66157	4.759	ng		90
49) Acenaphthylene	9.798	152	347987	5.687	ng		98
50) Dimethylphthalate	9.651	163	264159	5.668	ng		99
51) 2,6-Dinitrotoluene	9.716	165	51630	5.145	ng		97
52) Acenaphthene	9.969	154	222400	5.609	ng		99
53) 3-Nitroaniline	9.880	138	61813	5.071	ng		97
54) 2,4-Dinitrophenol	9.986	184	20105	3.718	ng		94
55) Dibenzofuran	10.139	168	328714	5.838	ng		99
56) 4-Nitrophenol	10.033	139	46625	4.834	ng		97
57) 2,4-Dinitrotoluene	10.116	165	67169	5.144	ng		98
58) Fluorene	10.486	166	254938	5.947	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	57347m	5.399	ng		
60) Diethylphthalate	10.351	149	260440	5.804	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	118118	6.044	ng		93
62) 4-Nitroaniline	10.492	138	60400	5.024	ng		89
63) Azobenzene	10.633	77	275262	5.651	ng		93
65) 4,6-Dinitro-2-methylph...	10.522	198	33021	4.316	ng		93
66) n-Nitrosodiphenylamine	10.592	169	219757	5.610	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	70934	5.630	ng		97
68) Hexachlorobenzene	11.033	284	74801	5.605	ng		98
69) Atrazine	11.116	200	65607	6.232	ng		96
70) Pentachlorophenol	11.227	266	40832	5.298	ng		96
71) Phenanthrene	11.451	178	365385	5.871	ng		98
72) Anthracene	11.498	178	360371	5.831	ng		98
73) Carbazole	11.657	167	357100	5.703	ng		98
74) Di-n-butylphthalate	11.980	149	415987	6.124	ng		99
75) Fluoranthene	12.639	202	371293	5.855	ng		97
77) Benzidine	12.763	184	169622	8.405	ng		99
78) Pyrene	12.868	202	376938	5.288	ng		97
80) Butylbenzylphthalate	13.480	149	157249	5.133	ng		97
81) Benzo(a)anthracene	14.057	228	308865	5.266	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	76054	5.493	ng		97
83) Chrysene	14.092	228	299521	5.395	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	229171	5.689	ng		100
85) Di-n-octyl phthalate	14.651	149	337698	5.451	ng		100
87) Indeno(1,2,3-cd)pyrene	17.056	276	222014	4.494	ng		98
88) Benzo(b)fluoranthene	15.115	252	266239m	5.421	ng		
89) Benzo(k)fluoranthene	15.145	252	249265	5.246	ng		99
90) Benzo(a)pyrene	15.492	252	206109	5.115	ng	#	97
91) Dibenzo(a,h)anthracene	17.080	278	182215	4.599	ng		98
92) Benzo(g,h,i)perylene	17.515	276	174590	4.278	ng		97

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

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