Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129045.D
Acq On : 29 Jun 2022 19:58
Operator : CG\JU
Sample : PB145742BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 29 21:37:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	462000	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1792533	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	925733	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1634795	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1130526	20.000	ng		0.00
86) Perylene-d12	15.668	264	921906	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	3003673	109.916	ng		0.01
7) Phenol-d6	6.592	99	3736719	110.100	ng		0.00
23) Nitrobenzene-d5	7.528	82	2359958	78.527	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	1161345	115.373	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	4075631	70.432	ng		0.00
79) Terphenyl-d14	13.086	244	4514708	82.929	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.922	88	393126	32.268	ng		88
3) Pyridine	3.722	79	977852	32.865	ng		88
4) n-Nitrosodimethylamine	3.634	42	569747	42.266	ng		83
6) Aniline	6.628	93	1382185	36.415	ng		97
8) 2-Chlorophenol	6.745	128	1265715	44.085	ng		96
9) Benzaldehyde	6.516	77	217312	10.277	ng		95
10) Phenol	6.604	94	1504004	43.738	ng		90
11) bis(2-Chloroethyl)ether	6.692	93	1205537	44.294	ng		93
12) 1,3-Dichlorobenzene	6.898	146	1312821	41.538	ng		99
13) 1,4-Dichlorobenzene	6.975	146	1330125	41.725	ng		100
14) 1,2-Dichlorobenzene	7.128	146	1290648	43.069	ng		99
15) Benzyl Alcohol	7.104	79	1019817	42.718	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1643555	42.280	ng		93
17) 2-Methylphenol	7.210	107	1019497	43.638	ng		96
18) Hexachloroethane	7.475	117	480653	42.947	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	854321	43.514	ng		90
20) 3+4-Methylphenols	7.363	107	1253969	42.208	ng		96
22) Acetophenone	7.375	105	1686390	41.011	ng	#	93
24) Nitrobenzene	7.545	77	1256985	43.228	ng		92
25) Isophorone	7.786	82	2302418	45.332	ng		97
26) 2-Nitrophenol	7.857	139	650728	48.152	ng		90
27) 2,4-Dimethylphenol	7.892	122	1180336	48.378	ng		97
28) bis(2-Chloroethoxy)met...	7.986	93	1431758	41.046	ng		99
29) 2,4-Dichlorophenol	8.098	162	1042883	41.907	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	1100522	40.188	ng		97
31) Naphthalene	8.269	128	3343415	41.086	ng		97
32) Benzoic acid	8.016	122	851739	43.512	ng		96
33) 4-Chloroaniline	8.310	127	804020	24.520	ng		97
34) Hexachlorobutadiene	8.380	225	654063	40.000	ng		99
35) Caprolactam	8.704	113	316382m	40.093	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1074292	42.489	ng		92
37) 2-Methylnaphthalene	8.957	142	2275225	41.551	ng		99
38) 1-Methylnaphthalene	9.057	142	2204652	41.459	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	1060735	40.765	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1353896	98.571	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	759596	42.857	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	780006	41.374	ng		97
46) 1,1'-Biphenyl	9.422	154	2750802	41.332	ng		96
47) 2-Chloronaphthalene	9.451	162	2105783	40.973	ng		98
48) 2-Nitroaniline	9.545	65	629024	46.469	ng	#	83
49) Acenaphthylene	9.869	152	3362501	43.057	ng		96
50) Dimethylphthalate	9.727	163	2405410	41.534	ng		100
51) 2,6-Dinitrotoluene	9.786	165	556631	47.035	ng		97
52) Acenaphthene	10.039	154	2307818	45.368	ng		98
53) 3-Nitroaniline	9.957	138	446056	31.607	ng	#	90
54) 2,4-Dinitrophenol	10.063	184	581760	89.967	ng	#	83
55) Dibenzofuran	10.210	168	2984791	40.296	ng		96
56) 4-Nitrophenol	10.116	139	1030946	89.408	ng		93
57) 2,4-Dinitrotoluene	10.192	165	731170	50.046	ng		91
58) Fluorene	10.557	166	2331419	40.691	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	653182	41.821	ng		99
60) Diethylphthalate	10.427	149	2415600	41.626	ng		97
61) 4-Chlorophenyl-phenyle...	10.545	204	1152038	40.356	ng		98
62) 4-Nitroaniline	10.580	138	604724	43.212	ng		89
63) Azobenzene	10.704	77	2308935	40.610	ng		95
65) 4,6-Dinitro-2-methylph...	10.598	198	332441	45.965	ng		92
66) n-Nitrosodiphenylamine	10.669	169	2102155	42.340	ng		94
67) 4-Bromophenyl-phenylether	11.039	248	727243	41.820	ng		95
68) Hexachlorobenzene	11.104	284	823385	42.522	ng		95
69) Atrazine	11.192	200	671120	48.036	ng		98
70) Pentachlorophenol	11.298	266	1000940	86.785	ng		97
71) Phenanthrene	11.521	178	3215433	41.165	ng		96
72) Anthracene	11.574	178	3241964	42.097	ng		95
73) Carbazole	11.727	167	3114403	40.359	ng		98
74) Di-n-butylphthalate	12.051	149	3479738	42.768	ng		97
75) Fluoranthene	12.716	202	3385182	41.440	ng		94
77) Benzidine	12.833	184	1265195	62.850	ng		99
78) Pyrene	12.945	202	3425393	43.712	ng		97
80) Butylbenzylphthalate	13.563	149	1423299	44.584	ng	#	88
81) Benzo(a)anthracene	14.139	228	2935687	42.529	ng		97
82) 3,3'-Dichlorobenzidine	14.098	252	729979	48.942	ng		97
83) Chrysene	14.174	228	2638422	41.172	ng		95
84) Bis(2-ethylhexyl)phtha...	14.115	149	1939141	45.706	ng	#	96
85) Di-n-octyl phthalate	14.733	149	2820344	45.031	ng		96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2495164	44.129	ng		99
88) Benzo(b)fluoranthene	15.221	252	2565610	46.274	ng		98
89) Benzo(k)fluoranthene	15.251	252	2437162	45.321	ng		97
90) Benzo(a)pyrene	15.609	252	2368102	52.394	ng		98
91) Dibenzo(a,h)anthracene	17.256	278	2168102	47.037	ng		97
92) Benzo(g,h,i)perylene	17.709	276	2142616	46.333	ng		98

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

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