Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072022\
Data File : BF129289.D
Acq On : 20 Jul 2022 12:55
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 20 13:17:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 12:05:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	228825	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	818227	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	418657	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	719463	20.000	ng		0.00
76) Chrysene-d12	14.080	240	401816	20.000	ng		0.00
86) Perylene-d12	15.568	264	351460	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1904317	132.910	ng		0.00
7) Phenol-d6	6.540	99	2437800	131.552	ng		0.01
23) Nitrobenzene-d5	7.475	82	2259714	147.627	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	616260	158.591	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.022	244	3280995	152.750	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	464564	71.170	ng		90
3) Pyridine	3.463	79	1326600	79.026	ng		92
4) n-Nitrosodimethylamine	3.440	42	595677	75.123	ng	#	91
6) Aniline	6.569	93	1557143	71.523	ng		99
8) 2-Chlorophenol	6.687	128	1040126	68.942	ng		99
9) Benzaldehyde	6.451	77	804185	70.715	ng		98
10) Phenol	6.551	94	1276916m	68.598	ng		
11) bis(2-Chloroethyl)ether	6.640	93	1038293	68.774	ng		94
12) 1,3-Dichlorobenzene	6.840	146	1121937	69.929	ng		98
13) 1,4-Dichlorobenzene	6.916	146	1132405	69.783	ng		98
14) 1,2-Dichlorobenzene	7.075	146	1017424	67.265	ng		98
15) Benzyl Alcohol	7.045	79	907992	73.573	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1549925	64.431	ng		92
17) 2-Methylphenol	7.151	107	888726	70.079	ng		99
18) Hexachloroethane	7.410	117	441735	72.853	ng		89
19) n-Nitroso-di-n-propyla...	7.322	70	732393	67.193	ng		94
22) Acetophenone	7.316	105	1320721	69.944	ng		98
24) Nitrobenzene	7.492	77	1166574	80.116	ng		95
25) Isophorone	7.728	82	2041916	79.372	ng		99
26) 2-Nitrophenol	7.798	139	588640	80.479	ng		98
27) 2,4-Dimethylphenol	7.834	122	848675	74.619	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1134974	66.232	ng		99
29) 2,4-Dichlorophenol	8.040	162	878646	77.709	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	877546	74.797	ng		96
31) Naphthalene	8.210	128	2888366	74.507	ng		99
32) Benzoic acid	7.987	122	742009	84.001	ng		98
33) 4-Chloroaniline	8.257	127	1203526	74.863	ng		99
34) Hexachlorobutadiene	8.316	225	508539	77.046	ng		99
35) Caprolactam	8.657	113	305096m	81.230	ng		
36) 4-Chloro-3-methylphenol	8.739	107	939897	76.201	ng		95
37) 2-Methylnaphthalene	8.898	142	1888208	74.730	ng		98
38) 1-Methylnaphthalene	8.998	142	1812754	74.185	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	794494	76.329	ng		98
41) Hexachlorocyclopentadiene	9.045	237	432157	82.505	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	603042	78.678	ng		98
44) 2,4,5-Trichlorophenol	9.216	196	647396	79.851	ng	#	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.363	154	2148300	72.549	ng		99
47)	2-Chloronaphthalene	9.392	162	1747739	74.934	ng		100
48)	2-Nitroaniline	9.486	65	643233	82.087	ng		95
49)	Acenaphthylene	9.810	152	2639085	75.177	ng		99
50)	Dimethylphthalate	9.669	163	2142210	78.851	ng		99
51)	2,6-Dinitrotoluene	9.734	165	487471	82.919	ng		95
52)	Acenaphthene	9.981	154	1786938m	77.874	ng		
53)	3-Nitroaniline	9.904	138	587534	83.693	ng	#	93
54)	2,4-Dinitrophenol	10.010	184	294502	93.469	ng	#	85
55)	Dibenzofuran	10.151	168	2335089	71.685	ng		94
56)	4-Nitrophenol	10.063	139	450337	81.049	ng		99
57)	2,4-Dinitrotoluene	10.139	165	626777	81.304	ng		99
58)	Fluorene	10.492	166	1864865	75.271	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.269	232	497011m	79.358	ng		
60)	Diethylphthalate	10.363	149	2006912	76.388	ng		100
61)	4-Chlorophenyl-phenyle...	10.481	204	829718	72.294	ng	#	88
62)	4-Nitroaniline	10.528	138	587684	84.558	ng		94
63)	Azobenzene	10.645	77	2049795	73.090	ng		96
65)	4,6-Dinitro-2-methylph...	10.551	198	374171	82.313	ng		87
66)	n-Nitrosodiphenylamine	10.604	169	1672009	72.839	ng		97
67)	4-Bromophenyl-phenylether	10.975	248	558349	73.723	ng		96
68)	Hexachlorobenzene	11.039	284	621050	78.121	ng		95
69)	Atrazine	11.133	200	526306	82.704	ng		99
70)	Pentachlorophenol	11.233	266	378961	80.164	ng		98
71)	Phenanthrene	11.463	178	2669145	73.071	ng		99
72)	Anthracene	11.510	178	2632161	72.541	ng		99
73)	Carbazole	11.669	167	2503691	69.175	ng		100
74)	Di-n-butylphthalate	11.986	149	2855797	68.660	ng		98
75)	Fluoranthene	12.651	202	2710308	74.501	ng		98
77)	Benzidine	12.769	184	1138809	101.250	ng		97
78)	Pyrene	12.880	202	2725417	83.742	ng		99
80)	Butylbenzylphthalate	13.486	149	1142719	78.829	ng		99
81)	Benzo(a)anthracene	14.069	228	2078040	81.989	ng		98
82)	3,3'-Dichlorobenzidine	14.027	252	663980	104.725	ng	#	96
83)	Chrysene	14.110	228	1917891	79.277	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	1339023	69.419	ng		99
85)	Di-n-octyl phthalate	14.657	149	1952772	70.584	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.098	276	2151616	98.177	ng		99
88)	Benzo(b)fluoranthene	15.133	252	1695472	78.525	ng		98
89)	Benzo(k)fluoranthene	15.163	252	1647591	78.104	ng		99
90)	Benzo(a)pyrene	15.510	252	1444377	82.173	ng		97
91)	Dibenzo(a,h)anthracene	17.121	278	1708855	96.399	ng		98
92)	Benzo(g,h,i)perylene	17.568	276	1854071	102.318	ng		99

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

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