Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132899.D
Acq On : 18 Apr 2023 13:14
Operator : CG\JU
Sample : PB152177BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 18 13:49:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152177BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	314937	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1266686	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	651276	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1136960	20.000	ng		0.00
76) Chrysene-d12	13.921	240	738489	20.000	ng		0.00
86) Perylene-d12	15.351	264	781458	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2108293	104.677	ng		0.02
7) Phenol-d6	6.398	99	2693905	104.819	ng		0.00
23) Nitrobenzene-d5	7.333	82	1681960	69.214	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	709515	108.616	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	2851423	67.259	ng		0.00
79) Terphenyl-d14	12.874	244	3044246	70.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	410002	41.718	ng		99
3) Pyridine	3.245	79	1028005	38.246	ng		98
4) n-Nitrosodimethylamine	3.210	42	543622	42.565	ng		100
6) Aniline	6.428	93	1234559	36.222	ng		100
8) 2-Chlorophenol	6.551	128	909134	44.494	ng		98
9) Benzaldehyde	6.310	77	557523	36.663	ng		98
10) Phenol	6.416	94	1265002	43.776	ng		92
11) bis(2-Chloroethyl)ether	6.504	93	948619	43.467	ng		98
12) 1,3-Dichlorobenzene	6.710	146	989085	44.040	ng		98
13) 1,4-Dichlorobenzene	6.781	146	987192	43.868	ng		98
14) 1,2-Dichlorobenzene	6.939	146	921373	43.851	ng		99
15) Benzyl Alcohol	6.910	79	820656	46.593	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1695399	44.896	ng		100
17) 2-Methylphenol	7.022	107	797381	42.607	ng		100
18) Hexachloroethane	7.281	117	355102	45.468	ng		96
19) n-Nitroso-di-n-propyla...	7.186	70	702586	43.797	ng		95
20) 3+4-Methylphenols	7.175	107	950218	42.957	ng		95
22) Acetophenone	7.181	105	1271540	42.791	ng	#	99
24) Nitrobenzene	7.351	77	1032246	41.442	ng		99
25) Isophorone	7.592	82	1962457	42.575	ng		98
26) 2-Nitrophenol	7.669	139	479126	50.991	ng		99
27) 2,4-Dimethylphenol	7.710	122	864302	45.092	ng		99
28) bis(2-Chloroethoxy)met...	7.804	93	1165527	42.291	ng		99
29) 2,4-Dichlorophenol	7.910	162	788919	44.220	ng		98
30) 1,2,4-Trichlorobenzene	7.992	180	831229	43.150	ng		99
31) Naphthalene	8.075	128	2625279	41.013	ng		100
32) Benzoic acid	7.833	122	502659	52.296	ng		98
33) 4-Chloroaniline	8.116	127	377008	14.380	ng		99
34) Hexachlorobutadiene	8.192	225	460845	41.817	ng		98
35) Caprolactam	8.498	113	259793m	48.898	ng		
36) 4-Chloro-3-methylphenol	8.604	107	844465	45.096	ng		96
37) 2-Methylnaphthalene	8.763	142	1759255	39.930	ng		99
38) 1-Methylnaphthalene	8.863	142	1745349	42.515	ng		98
40) 1,2,4,5-Tetrachloroben...	8.933	216	756898	41.089	ng		99
41) Hexachlorocyclopentadiene	8.922	237	1026468	105.719	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	523515	44.832	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	565706	41.429	ng	96
46) 1,1'-Biphenyl	9.233	154	2164787	41.929	ng	99
47) 2-Chloronaphthalene	9.251	162	1632596	42.731	ng	98
48) 2-Nitroaniline	9.345	65	516844	46.761	ng	99
49) Acenaphthylene	9.669	152	2503973	41.091	ng	99
50) Dimethylphthalate	9.533	163	1870872	41.550	ng	99
51) 2,6-Dinitrotoluene	9.592	165	440205	44.591	ng	99
52) Acenaphthene	9.839	154	1762040	44.872	ng	100
53) 3-Nitroaniline	9.757	138	333086	29.650	ng	93
54) 2,4-Dinitrophenol	9.863	184	400775	104.215	ng	91
55) Dibenzofuran	10.016	168	2246150	40.316	ng	98
56) 4-Nitrophenol	9.916	139	756551	90.660	ng	89
57) 2,4-Dinitrotoluene	9.992	165	577805	47.423	ng	98
58) Fluorene	10.357	166	1657056	40.603	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	476482	44.962	ng	100
60) Diethylphthalate	10.233	149	1795435	42.672	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	841780	40.552	ng	92
62) 4-Nitroaniline	10.374	138	457702	42.389	ng	95
63) Azobenzene	10.510	77	1930595	41.077	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	258394	47.455	ng	99
66) n-Nitrosodiphenylamine	10.469	169	1523188	41.135	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	544275	41.922	ng	97
68) Hexachlorobenzene	10.904	284	597860	44.386	ng	99
69) Atrazine	10.998	200	497574	48.075	ng	99
70) Pentachlorophenol	11.092	266	694179	79.866	ng	99
71) Phenanthrene	11.316	178	2480374	40.558	ng	99
72) Anthracene	11.363	178	2551224	40.752	ng	100
73) Carbazole	11.516	167	2249575	41.529	ng	99
74) Di-n-butylphthalate	11.857	149	2661620	45.835	ng	99
75) Fluoranthene	12.498	202	2473899	40.678	ng	99
77) Benzidine	12.621	184	1164138	101.195	ng	98
78) Pyrene	12.727	202	2529984	41.897	ng	99
80) Butylbenzylphthalate	13.351	149	724741	49.549	ng	95
81) Benzo(a)anthracene	13.909	228	2132560	42.462	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	383262	31.548	ng	98
83) Chrysene	13.951	228	2077175	41.612	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	1077091	56.389	ng	100
85) Di-n-octyl phthalate	14.527	149	2084848	49.922	ng	97
87) Indeno(1,2,3-cd)pyrene	16.750	276	2019868	45.235	ng	100
88) Benzo(b)fluoranthene	14.945	252	2152397	44.218	ng	99
89) Benzo(k)fluoranthene	14.974	252	2073103	42.753	ng	100
90) Benzo(a)pyrene	15.292	252	1827539	41.095	ng	97
91) Dibenzo(a,h)anthracene	16.774	278	1706481	44.852	ng	97
92) Benzo(g,h,i)perylene	17.174	276	1584439	43.494	ng	99

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

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