Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129040.D
Acq On : 29 Jun 2022 17:28
Operator : CG\JU
Sample : PB145630BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 29 20:38:51 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 :
PB145630BS

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	449078	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1718495	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	889598	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1581933	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1119719	20.000	ng		0.00
86) Perylene-d12	15.674	264	915317	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	2297362	86.488	ng		0.01
7) Phenol-d6	6.587	99	2811631	85.227	ng		0.00
23) Nitrobenzene-d5	7.528	82	2526961	87.707	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	853708	88.256	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	4410119	79.308	ng		0.00
79) Terphenyl-d14	13.086	244	4726060	87.649	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	424687	35.861	ng		89
3) Pyridine	3.734	79	1133590	39.196	ng		85
4) n-Nitrosodimethylamine	3.657	42	605993	46.248	ng		84
6) Aniline	6.628	93	1426519	38.664	ng		97
8) 2-Chlorophenol	6.745	128	1315241	47.129	ng		97
9) Benzaldehyde	6.516	77	608291	39.768	ng		99
10) Phenol	6.604	94	1584075	47.392	ng		89
11) bis(2-Chloroethyl)ether	6.692	93	1254272	47.410	ng		94
12) 1,3-Dichlorobenzene	6.904	146	1391445	45.293	ng		95
13) 1,4-Dichlorobenzene	6.975	146	1400354	45.192	ng		100
14) 1,2-Dichlorobenzene	7.128	146	1355930	46.549	ng		99
15) Benzyl Alcohol	7.104	79	1087095	46.846	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	1732583	45.853	ng		92
17) 2-Methylphenol	7.210	107	1065788	46.932	ng		97
18) Hexachloroethane	7.475	117	512967	47.153	ng		95
19) n-Nitroso-di-n-propyla...	7.381	70	900095	47.165	ng		88
20) 3+4-Methylphenols	7.363	107	1308049	45.295	ng		94
22) Acetophenone	7.375	105	1760194	44.650	ng	#	93
24) Nitrobenzene	7.545	77	1318209	47.287	ng		94
25) Isophorone	7.792	82	2415569	49.609	ng		96
26) 2-Nitrophenol	7.857	139	663865	51.240	ng		90
27) 2,4-Dimethylphenol	7.892	122	1220104	52.163	ng		96
28) bis(2-Chloroethoxy)met...	7.992	93	1517626	45.383	ng		99
29) 2,4-Dichlorophenol	8.098	162	1081600	45.336	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	1149868	43.799	ng		97
31) Naphthalene	8.269	128	3529336	45.239	ng		97
32) Benzoic acid	8.016	122	867886	46.247	ng		95
33) 4-Chloroaniline	8.310	127	716166	22.782	ng		97
34) Hexachlorobutadiene	8.381	225	685567	43.733	ng		100
35) Caprolactam	8.710	113	335771m	44.383	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1112674	45.903	ng		92
37) 2-Methylnaphthalene	8.957	142	2389483	45.518	ng		100
38) 1-Methylnaphthalene	9.057	142	2294554	45.009	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1101020	44.032	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1421773	107.718	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	794350	46.639	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	802912	44.319	ng		97
46) 1,1'-Biphenyl	9.422	154	2864524	44.789	ng		96
47) 2-Chloronaphthalene	9.451	162	2196936	44.482	ng		98
48) 2-Nitroaniline	9.545	65	644893	49.576	ng		85
49) Acenaphthylene	9.869	152	3572328	47.602	ng		95
50) Dimethylphthalate	9.728	163	2512477	45.145	ng		98
51) 2,6-Dinitrotoluene	9.786	165	583013	51.266	ng		98
52) Acenaphthene	10.039	154	2406301	49.225	ng		98
53) 3-Nitroaniline	9.957	138	449308	33.131	ng	#	90
54) 2,4-Dinitrophenol	10.063	184	554313	89.263	ng	#	84
55) Dibenzofuran	10.216	168	3116813	43.788	ng		97
56) 4-Nitrophenol	10.116	139	1094014	98.731	ng		94
57) 2,4-Dinitrotoluene	10.192	165	748182	53.291	ng		94
58) Fluorene	10.557	166	2442230	44.357	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	675069	44.978	ng		100
60) Diethylphthalate	10.428	149	2508046	44.974	ng		96
61) 4-Chlorophenyl-phenyle...	10.545	204	1204236	43.898	ng		97
62) 4-Nitroaniline	10.580	138	634202	47.159	ng		90
63) Azobenzene	10.710	77	2422961	44.347	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	325821	46.555	ng		92
66) n-Nitrosodiphenylamine	10.669	169	2204235	45.879	ng		95
67) 4-Bromophenyl-phenylether	11.039	248	765297	45.479	ng		96
68) Hexachlorobenzene	11.104	284	858001	45.790	ng		97
69) Atrazine	11.198	200	729171	53.936	ng		98
70) Pentachlorophenol	11.298	266	1016519	91.081	ng		99
71) Phenanthrene	11.527	178	3367531	44.553	ng		96
72) Anthracene	11.575	178	3367721	45.191	ng		95
73) Carbazole	11.727	167	3255717	43.600	ng		98
74) Di-n-butylphthalate	12.051	149	3601305	45.741	ng		97
75) Fluoranthene	12.716	202	3523237	44.571	ng		92
77) Benzidine	12.839	184	1536589	77.068	ng		98
78) Pyrene	12.951	202	3577683	46.096	ng		97
80) Butylbenzylphthalate	13.557	149	1529746	48.381	ng		97
81) Benzo(a)anthracene	14.139	228	3130354	45.787	ng		96
82) 3,3'-Dichlorobenzidine	14.098	252	655493	44.372	ng		97
83) Chrysene	14.180	228	2820954	44.445	ng		96
84) Bis(2-ethylhexyl)phtha...	14.116	149	2093438	49.819	ng		95
85) Di-n-octyl phthalate	14.739	149	3066455	49.433	ng		96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2596680	46.255	ng		99
88) Benzo(b)fluoranthene	15.221	252	2694989	48.958	ng		98
89) Benzo(k)fluoranthene	15.251	252	2611497	48.912	ng		96
90) Benzo(a)pyrene	15.610	252	2522488	56.212	ng		97
91) Dibenzo(a,h)anthracene	17.257	278	2252917	49.229	ng		97
92) Benzo(g,h,i)perylene	17.715	276	2227759	48.521	ng		99

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

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