Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129348.D
Acq On : 26 Jul 2022 11:02
Operator : CG\JU
Sample : PB146423BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 00:38:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146423BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	272908	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1119445	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	577747	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	962980	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	601746	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	504629	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2023227	120.767	ng		0.02
7) Phenol-d6	6.522	99	2567752	121.939	ng		0.00
23) Nitrobenzene-d5	7.451	82	1715362	83.648	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	697951	125.653	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2824320	75.623	ng		0.00
79) Terphenyl-d14	13.004	244	2886949	90.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	266438	35.249	ng		89
3) Pyridine	3.534	79	662434	31.558	ng		90
4) n-Nitrosodimethylamine	3.481	42	410790	44.566	ng		87
6) Aniline	6.551	93	965030	36.864	ng		99
8) 2-Chlorophenol	6.669	128	875560	47.837	ng		98
9) Benzaldehyde	6.434	77	274687	19.208	ng		98
10) Phenol	6.534	94	1017201m	45.361	ng		
11) bis(2-Chloroethyl)ether	6.622	93	828558	46.590	ng		92
12) 1,3-Dichlorobenzene	6.828	146	870853	44.363	ng		97
13) 1,4-Dichlorobenzene	6.904	146	881162	44.138	ng		98
14) 1,2-Dichlorobenzene	7.051	146	851325	46.393	ng		98
15) Benzyl Alcohol	7.028	79	709325	46.445	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1199581	44.874	ng		92
17) 2-Methylphenol	7.139	107	684822	45.101	ng		100
18) Hexachloroethane	7.398	117	338444	45.022	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	572085	44.876	ng		95
20) 3+4-Methylphenols	7.292	107	811871	42.052	ng	#	87
22) Acetophenone	7.298	105	1109166	42.557	ng	#	99
24) Nitrobenzene	7.469	77	901475	42.689	ng		97
25) Isophorone	7.710	82	1656121	45.054	ng		98
26) 2-Nitrophenol	7.786	139	471626	45.272	ng		91
27) 2,4-Dimethylphenol	7.822	122	798384	51.091	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	1024145	48.028	ng		99
29) 2,4-Dichlorophenol	8.028	162	695842	43.142	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	712137	42.656	ng		98
31) Naphthalene	8.192	128	2348029	41.284	ng		99
32) Benzoic acid	7.951	122	524513	46.429	ng		97
33) 4-Chloroaniline	8.239	127	641569	27.476	ng		97
34) Hexachlorobutadiene	8.304	225	406652	42.851	ng		99
35) Caprolactam	8.622	113	236795m	45.158	ng		
36) 4-Chloro-3-methylphenol	8.722	107	751241	43.915	ng		94
37) 2-Methylnaphthalene	8.880	142	1545862	41.825	ng		98
38) 1-Methylnaphthalene	8.980	142	1485585	41.637	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	646803	42.636	ng	#	97
41) Hexachlorocyclopentadiene	9.033	237	729345	107.967	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	472718	42.903	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	506843	42.299	ng	#	92
46) 1,1'-Biphenyl	9.351	154	1802259	42.744	ng		99
47) 2-Chloronaphthalene	9.374	162	1433269	42.049	ng		99
48) 2-Nitroaniline	9.475	65	479832	42.335	ng		87
49) Acenaphthylene	9.792	152	2284221	44.103	ng		99
50) Dimethylphthalate	9.651	163	1698451	42.585	ng		99
51) 2,6-Dinitrotoluene	9.716	165	392603	43.981	ng		99
52) Acenaphthene	9.963	154	1568894m	46.379	ng		
53) 3-Nitroaniline	9.886	138	323416	30.682	ng	#	90
54) 2,4-Dinitrophenol	9.992	184	419255	92.000	ng		96
55) Dibenzofuran	10.139	168	1962441	42.083	ng		99
56) 4-Nitrophenol	10.051	139	644236	82.842	ng		98
57) 2,4-Dinitrotoluene	10.122	165	514771	44.143	ng		98
58) Fluorene	10.480	166	1505700	40.355	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	383451	41.410	ng		91
60) Diethylphthalate	10.351	149	1628014	42.226	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	696745	42.357	ng		92
62) 4-Nitroaniline	10.510	138	418492	40.021	ng		92
63) Azobenzene	10.627	77	1630237	41.456	ng		95
65) 4,6-Dinitro-2-methylph...	10.533	198	271787	44.716	ng		84
66) n-Nitrosodiphenylamine	10.592	169	1365150	42.568	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	464584	44.058	ng		96
68) Hexachlorobenzene	11.027	284	502051	43.940	ng		99
69) Atrazine	11.116	200	427580	43.895	ng		96
70) Pentachlorophenol	11.221	266	540020	86.940	ng		99
71) Phenanthrene	11.445	178	2202551	41.900	ng		100
72) Anthracene	11.498	178	2189980	42.394	ng		99
73) Carbazole	11.651	167	2083529	42.847	ng		100
74) Di-n-butylphthalate	11.974	149	2461352	42.503	ng		99
75) Fluoranthene	12.633	202	2246252	42.174	ng		97
77) Benzidine	12.757	184	700854	32.969	ng		99
78) Pyrene	12.868	202	2225582	44.229	ng		100
80) Butylbenzylphthalate	13.474	149	993780	45.532	ng		99
81) Benzo(a)anthracene	14.051	228	1762705	42.883	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	492147	36.263	ng	#	97
83) Chrysene	14.092	228	1636500	42.243	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1336921	46.526	ng		98
85) Di-n-octyl phthalate	14.645	149	1932890	46.745	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1579381	46.477	ng		99
88) Benzo(b)fluoranthene	15.115	252	1525356	45.569	ng		98
89) Benzo(k)fluoranthene	15.145	252	1481190	45.154	ng		99
90) Benzo(a)pyrene	15.492	252	1435331	52.822	ng		97
91) Dibenzo(a,h)anthracene	17.086	278	1352292	48.893	ng		98
92) Benzo(g,h,i)perylene	17.527	276	1401597	49.592	ng		97

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

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