Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129364.D
Acq On : 26 Jul 2022 19:58
Operator : CG\JU
Sample : N3886-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 27 00:41:00 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 :
WH-1MS

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

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	226457	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	868116	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	415108	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	577287	20.000	ng		0.00
76) Chrysene-d12	14.063	240	427176	20.000	ng		0.00
86) Perylene-d12	15.551	264	448741	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1637627	117.801	ng		0.01
7) Phenol-d6	6.516	99	2079308	118.998	ng		0.00
23) Nitrobenzene-d5	7.451	82	1303341	81.956	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	422745	105.926	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2061775	76.834	ng		0.00
79) Terphenyl-d14	12.998	244	1473170	65.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	266609	42.506	ng		90
3) Pyridine	3.498	79	686467	39.411	ng		90
4) n-Nitrosodimethylamine	3.446	42	358373	46.854	ng	#	93
6) Aniline	6.551	93	656028	30.200	ng		98
8) 2-Chlorophenol	6.669	128	725389	47.761	ng		98
9) Benzaldehyde	6.434	77	371130	31.276	ng		97
10) Phenol	6.528	94	858189m	46.120	ng		
11) bis(2-Chloroethyl)ether	6.622	93	695484	47.129	ng		92
12) 1,3-Dichlorobenzene	6.828	146	751083	46.110	ng		97
13) 1,4-Dichlorobenzene	6.904	146	751833	45.384	ng		99
14) 1,2-Dichlorobenzene	7.057	146	726030	47.681	ng		100
15) Benzyl Alcohol	7.028	79	591948	46.710	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1034616	46.642	ng		92
17) 2-Methylphenol	7.139	107	563346	44.711	ng		99
18) Hexachloroethane	7.398	117	286924	45.998	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	477997	45.187	ng		94
20) 3+4-Methylphenols	7.286	107	671583	41.921	ng		95
22) Acetophenone	7.298	105	935532	46.287	ng	#	97
24) Nitrobenzene	7.469	77	744389	45.456	ng		96
25) Isophorone	7.704	82	1354309	47.510	ng		99
26) 2-Nitrophenol	7.786	139	381735	47.251	ng		90
27) 2,4-Dimethylphenol	7.816	122	628723	51.882	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	832677	50.354	ng		99
29) 2,4-Dichlorophenol	8.028	162	561037	44.855	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	577372	44.597	ng		98
31) Naphthalene	8.192	128	1958456	44.404	ng		100
32) Benzoic acid	7.939	122	370008	42.235	ng		96
33) 4-Chloroaniline	8.233	127	217191	11.994	ng		98
34) Hexachlorobutadiene	8.304	225	339553	46.140	ng		98
35) Caprolactam	8.616	113	178575m	43.914	ng		
36) 4-Chloro-3-methylphenol	8.722	107	594237	44.794	ng		94
37) 2-Methylnaphthalene	8.880	142	1235050	43.090	ng		99
38) 1-Methylnaphthalene	8.980	142	1185543	42.847	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	525166	48.181	ng		98
41) Hexachlorocyclopentadiene	9.033	237	517367	106.595	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	368097	46.496	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	379373	44.066	ng		97
46) 1,1'-Biphenyl	9.345	154	1473433	48.637	ng		99
47) 2-Chloronaphthalene	9.375	162	1136200	46.394	ng		98
48) 2-Nitroaniline	9.469	65	362175	44.474	ng		93
49) Acenaphthylene	9.792	152	1690257	45.422	ng		100
50) Dimethylphthalate	9.645	163	1330237	46.421	ng		99
51) 2,6-Dinitrotoluene	9.710	165	296210	46.183	ng		97
52) Acenaphthene	9.963	154	1155527m	47.542	ng		
53) 3-Nitroaniline	9.880	138	178413	23.557	ng	#	90
54) 2,4-Dinitrophenol	9.986	184	229123	69.977	ng		96
55) Dibenzofuran	10.133	168	1489070	44.443	ng		98
56) 4-Nitrophenol	10.045	139	422173	75.557	ng		96
57) 2,4-Dinitrotoluene	10.116	165	365756	43.653	ng		97
58) Fluorene	10.475	166	1129115	42.118	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	265853	39.959	ng		92
60) Diethylphthalate	10.345	149	1232086	44.477	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	524722	44.398	ng		96
62) 4-Nitroaniline	10.498	138	262178	34.896	ng		93
63) Azobenzene	10.627	77	1179606	41.749	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	154952	42.526	ng		95
66) n-Nitrosodiphenylamine	10.586	169	976579	50.797	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	317692	50.256	ng		95
68) Hexachlorobenzene	11.022	284	326252	47.632	ng		94
69) Atrazine	11.110	200	297940	51.022	ng		95
70) Pentachlorophenol	11.222	266	320710	86.129	ng		98
71) Phenanthrene	11.439	178	1436839	45.596	ng		99
72) Anthracene	11.492	178	1418953	45.821	ng		100
73) Carbazole	11.645	167	1275364	43.750	ng		99
74) Di-n-butylphthalate	11.969	149	1578838	45.479	ng		100
75) Fluoranthene	12.633	202	1386038	43.409	ng		99
77) Benzidine	12.751	184	558446	37.005	ng		99
78) Pyrene	12.863	202	1424598	39.881	ng		99
80) Butylbenzylphthalate	13.474	149	627946	40.528	ng		94
81) Benzo(a)anthracene	14.051	228	1322307	45.315	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	351215	36.454	ng	#	95
83) Chrysene	14.086	228	1253458	45.578	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	891577	43.708	ng		99
85) Di-n-octyl phthalate	14.645	149	1535476	52.309	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1135115	37.563	ng		99
88) Benzo(b)fluoranthene	15.115	252	1387640	46.618	ng		99
89) Benzo(k)fluoranthene	15.145	252	1311623	44.965	ng		99
90) Benzo(a)pyrene	15.492	252	1178087	48.755	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	988555	40.193	ng		97
92) Benzo(g,h,i)perylene	17.521	276	943652	37.547	ng		98

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

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