Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128288.D
Acq On : 17 May 2022 13:39
Operator : CG\JU
Sample : PB144839BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 01:33:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144839BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	106778	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	404926	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	222904	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	403871	20.000	ng		0.00
76) Chrysene-d12	14.063	240	258614	20.000	ng		0.00
86) Perylene-d12	15.557	264	214725	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	851113	127.066	ng		0.02
7) Phenol-d6	6.522	99	1096243	123.738	ng		0.00
23) Nitrobenzene-d5	7.451	82	808084	89.797	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	313960	122.812	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1252879	87.947	ng		0.00
79) Terphenyl-d14	13.004	244	1413613	102.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	113323	38.032	ng		95
3) Pyridine	3.546	79	323793	40.961	ng		97
4) n-Nitrosodimethylamine	3.522	42	213408	54.157	ng		92
6) Aniline	6.545	93	417562	41.736	ng		97
8) 2-Chlorophenol	6.663	128	343079	50.288	ng		97
9) Benzaldehyde	6.434	77	209781	54.957	ng		92
10) Phenol	6.534	94	437638	46.843	ng		83
11) bis(2-Chloroethyl)ether	6.616	93	348647	49.829	ng		97
12) 1,3-Dichlorobenzene	6.816	146	363414	47.327	ng	#	94
13) 1,4-Dichlorobenzene	6.892	146	373412	48.126	ng		96
14) 1,2-Dichlorobenzene	7.045	146	353191	48.304	ng		97
15) Benzyl Alcohol	7.028	79	346718	49.523	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	507209	48.885	ng		98
17) 2-Methylphenol	7.134	107	286426	49.487	ng		95
18) Hexachloroethane	7.387	117	145968	49.795	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	266762	48.895	ng		98
20) 3+4-Methylphenols	7.287	107	335635	46.834	ng	#	85
22) Acetophenone	7.292	105	481359	47.739	ng	#	84
24) Nitrobenzene	7.469	77	421660	50.769	ng		100
25) Isophorone	7.704	82	758563	53.767	ng		98
26) 2-Nitrophenol	7.781	139	181257	49.700	ng		98
27) 2,4-Dimethylphenol	7.816	122	314345	55.920	ng		96
28) bis(2-Chloroethoxy)met...	7.910	93	434026	48.668	ng		99
29) 2,4-Dichlorophenol	8.022	162	284303	48.108	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	321698	47.496	ng		99
31) Naphthalene	8.186	128	952336	47.621	ng		100
32) Benzoic acid	7.969	122	170607	40.583	ng		98
33) 4-Chloroaniline	8.234	127	207186	26.098	ng		96
34) Hexachlorobutadiene	8.292	225	213405	46.922	ng		98
35) Caprolactam	8.622	113	86376m	44.775	ng		
36) 4-Chloro-3-methylphenol	8.728	107	322157	48.788	ng		99
37) 2-Methylnaphthalene	8.875	142	641017	47.543	ng		99
38) 1-Methylnaphthalene	8.975	142	603051	46.570	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	315483	47.981	ng		98
41) Hexachlorocyclopentadiene	9.022	237	322956	105.709	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	201608	47.592	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	212400	47.024	ng		98
46) 1,1'-Biphenyl	9.339	154	791527	48.777	ng		99
47) 2-Chloronaphthalene	9.369	162	582383	48.421	ng		96
48) 2-Nitroaniline	9.469	65	223945	51.934	ng		90
49) Acenaphthylene	9.786	152	930003	51.122	ng		100
50) Dimethylphthalate	9.645	163	701745	48.785	ng		100
51) 2,6-Dinitrotoluene	9.716	165	160300	50.802	ng		98
52) Acenaphthene	9.957	154	670375m	53.148	ng		
53) 3-Nitroaniline	9.886	138	103208	30.171	ng		98
54) 2,4-Dinitrophenol	9.998	184	148830	85.259	ng	#	77
55) Dibenzofuran	10.133	168	816176	45.574	ng		99
56) 4-Nitrophenol	10.057	139	204689	85.634	ng		83
57) 2,4-Dinitrotoluene	10.122	165	205439	48.690	ng	#	68
58) Fluorene	10.475	166	654052	46.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	179523	46.508	ng		98
60) Diethylphthalate	10.345	149	693834	48.346	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	322556	46.367	ng		96
62) 4-Nitroaniline	10.510	138	157177	45.324	ng		93
63) Azobenzene	10.622	77	763425	48.578	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	111366	44.059	ng		88
66) n-Nitrosodiphenylamine	10.586	169	573876	48.756	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	208988	48.097	ng		92
68) Hexachlorobenzene	11.022	284	230232	48.439	ng		97
69) Atrazine	11.116	200	204973	51.624	ng		97
70) Pentachlorophenol	11.222	266	211662	91.757	ng		97
71) Phenanthrene	11.439	178	964385	47.955	ng		100
72) Anthracene	11.492	178	981217	48.869	ng		99
73) Carbazole	11.651	167	877837	45.977	ng		100
74) Di-n-butylphthalate	11.969	149	1051873	47.855	ng		99
75) Fluoranthene	12.633	202	1013680	46.493	ng		99
77) Benzidine	12.757	184	409364	73.086	ng		98
78) Pyrene	12.863	202	1023106	54.560	ng		99
80) Butylbenzylphthalate	13.469	149	419110	53.761	ng		97
81) Benzo(a)anthracene	14.057	228	843296	51.052	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	179752	48.497	ng	#	98
83) Chrysene	14.092	228	767763	48.712	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	558101	52.985	ng		97
85) Di-n-octyl phthalate	14.639	149	863917	51.345	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	686595	52.859	ng		97
88) Benzo(b)fluoranthene	15.121	252	715350	53.742	ng		98
89) Benzo(k)fluoranthene	15.151	252	632010	48.101	ng		98
90) Benzo(a)pyrene	15.498	252	642115	59.754	ng	#	98
91) Dibenzo(a,h)anthracene	17.098	278	587662	55.884	ng		96
92) Benzo(g,h,i)perylene	17.545	276	600288	56.378	ng		97

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

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