Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130339.D
Acq On : 20 Sep 2022 12:12
Operator : CG\JU
Sample : PB147724BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 21 05:11:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147724BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.657	152	106681	20.000	ng		0.00
21) Naphthalene-d8	7.945	136	419531	20.000	ng		0.00
39) Acenaphthene-d10	9.692	164	223601	20.000	ng		0.00
64) Phenanthrene-d10	11.174	188	398126	20.000	ng		0.00
76) Chrysene-d12	13.804	240	249337	20.000	ng		0.00
86) Perylene-d12	15.192	264	196210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	806235	131.081	ng		0.02
7) Phenol-d6	6.310	99	993293	129.068	ng		0.01
23) Nitrobenzene-d5	7.228	82	643859	78.406	ng		0.00
42) 2,4,6-Tribromophenol	10.486	330	338502	157.992	ng		0.00
45) 2-Fluorobiphenyl	9.022	172	1237080	80.564	ng		0.00
79) Terphenyl-d14	12.763	244	1392803	92.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.375	88	89484	31.678	ng		98
3) Pyridine	3.051	79	243033	32.982	ng		97
4) n-Nitrosodimethylamine	3.010	42	147979	36.923	ng		96
6) Aniline	6.322	93	369042	38.919	ng	#	25
8) 2-Chlorophenol	6.445	128	314455	44.881	ng		94
9) Benzaldehyde	6.210	77	185502	35.984	ng		92
10) Phenol	6.322	94	383822	42.558	ng	#	72
11) bis(2-Chloroethyl)ether	6.404	93	275185	42.303	ng		94
12) 1,3-Dichlorobenzene	6.598	146	335799	43.557	ng		96
13) 1,4-Dichlorobenzene	6.675	146	339546	43.190	ng		99
14) 1,2-Dichlorobenzene	6.828	146	320107	43.587	ng		98
15) Benzyl Alcohol	6.810	79	245969	40.311	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.939	45	361104	38.060	ng		87
17) 2-Methylphenol	6.928	107	259750	45.606	ng		97
18) Hexachloroethane	7.169	117	132095	42.626	ng		98
19) n-Nitroso-di-n-propyla...	7.081	70	212748	40.968	ng		94
20) 3+4-Methylphenols	7.081	107	316808	42.819	ng	#	79
22) Acetophenone	7.075	105	444020	43.290	ng		94
24) Nitrobenzene	7.245	77	331543	39.762	ng		97
25) Isophorone	7.486	82	578392	43.700	ng		98
26) 2-Nitrophenol	7.563	139	166431	48.691	ng		90
27) 2,4-Dimethylphenol	7.610	122	258290	49.076	ng		95
28) bis(2-Chloroethoxy)met...	7.704	93	345228	46.322	ng		100
29) 2,4-Dichlorophenol	7.810	162	259887	45.061	ng		94
30) 1,2,4-Trichlorobenzene	7.886	180	268808	43.109	ng		95
31) Naphthalene	7.963	128	900329	41.655	ng		100
32) Benzoic acid	7.745	122	164560	40.432	ng		97
33) 4-Chloroaniline	8.022	127	311437	37.886	ng		95
34) Hexachlorobutadiene	8.081	225	167741	42.093	ng		98
35) Caprolactam	8.392	113	82494m	49.894	ng		
36) 4-Chloro-3-methylphenol	8.510	107	292936	45.823	ng		98
37) 2-Methylnaphthalene	8.657	142	588922	42.735	ng		99
38) 1-Methylnaphthalene	8.757	142	564798	42.664	ng		99
40) 1,2,4,5-Tetrachloroben...	8.822	216	274614	45.003	ng		99
41) Hexachlorocyclopentadiene	8.810	237	336460	102.986	ng		98
43) 2,4,6-Trichlorophenol	8.939	196	189770	44.560	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	207111	45.067	ng		97
46) 1,1'-Biphenyl	9.122	154	725734	43.458	ng		98
47) 2-Chloronaphthalene	9.145	162	571787	42.327	ng		97
48) 2-Nitroaniline	9.245	65	185934	41.267	ng		96
49) Acenaphthylene	9.557	152	873279	43.115	ng		99
50) Dimethylphthalate	9.433	163	666426	43.147	ng		99
51) 2,6-Dinitrotoluene	9.492	165	152582	47.236	ng	#	78
52) Acenaphthene	9.727	154	643554m	48.359	ng		
53) 3-Nitroaniline	9.657	138	132186	36.725	ng		93
54) 2,4-Dinitrophenol	9.763	184	172185	96.836	ng		94
55) Dibenzofuran	9.904	168	793738	42.881	ng		98
56) 4-Nitrophenol	9.833	139	251986	96.119	ng		90
57) 2,4-Dinitrotoluene	9.892	165	203097	49.197	ng		92
58) Fluorene	10.245	166	652174	43.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.022	232	164183	45.643	ng		93
60) Diethylphthalate	10.127	149	664001	42.870	ng		99
61) 4-Chlorophenyl-phenyle...	10.239	204	297368	44.779	ng		97
62) 4-Nitroaniline	10.275	138	163517	45.222	ng		93
63) Azobenzene	10.398	77	621522	38.970	ng		97
65) 4,6-Dinitro-2-methylph...	10.298	198	102922	46.440	ng		89
66) n-Nitrosodiphenylamine	10.363	169	555777	41.775	ng		99
67) 4-Bromophenyl-phenylether	10.727	248	190687	43.417	ng		96
68) Hexachlorobenzene	10.786	284	224169	45.026	ng		99
69) Atrazine	10.892	200	183127	47.101	ng		99
70) Pentachlorophenol	10.986	266	250833	93.876	ng		98
71) Phenanthrene	11.204	178	935500	41.852	ng		100
72) Anthracene	11.251	178	951617	44.116	ng		100
73) Carbazole	11.410	167	869085	44.644	ng		99
74) Di-n-butylphthalate	11.745	149	1001937	42.681	ng		99
75) Fluoranthene	12.386	202	960758	44.481	ng		97
77) Benzidine	12.516	184	510501	70.530	ng		99
78) Pyrene	12.610	202	945890	43.365	ng		100
80) Butylbenzylphthalate	13.239	149	380142	47.044	ng		96
81) Benzo(a)anthracene	13.798	228	714666	43.086	ng		99
82) 3,3'-Dichlorobenzidine	13.768	252	207885	46.041	ng	#	98
83) Chrysene	13.833	228	648644	41.185	ng		99
84) Bis(2-ethylhexyl)phtha...	13.798	149	450250	48.646	ng		97
85) Di-n-octyl phthalate	14.410	149	598264	42.260	ng		96
87) Indeno(1,2,3-cd)pyrene	16.527	276	595390	42.791	ng		98
88) Benzo(b)fluoranthene	14.804	252	618494	48.295	ng		99
89) Benzo(k)fluoranthene	14.833	252	542044	43.027	ng		99
90) Benzo(a)pyrene	15.139	252	501123	49.392	ng		98
91) Dibenzo(a,h)anthracene	16.545	278	521653	45.701	ng		98
92) Benzo(g,h,i)perylene	16.927	276	518332	45.079	ng		99

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

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