Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127882.D
Acq On : 25 Apr 2022 16:01
Operator : CG\JU
Sample : PB144239BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 25 16:57:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 00:43:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144239BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	183574	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	750546	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	418075	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	724540	20.000	ng	0.00
76) Chrysene-d12	14.127	240	468534	20.000	ng	0.00
86) Perylene-d12	15.633	264	388097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1294464	112.314	ng	0.01
7) Phenol-d6	6.569	99	1688695	112.919	ng	0.00
23) Nitrobenzene-d5	7.510	82	1229648	77.041	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	459387	109.154	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1942991	78.623	ng	0.00
79) Terphenyl-d14	13.063	244	2002883	78.167	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.898	88	171082	31.111	ng	98
3) Pyridine	3.645	79	457412	32.464	ng	98
4) n-Nitrosodimethylamine	3.610	42	276467	40.537	ng	97
6) Aniline	6.610	93	620980	34.949	ng	100
8) 2-Chlorophenol	6.728	128	531119	44.400	ng	98
9) Benzaldehyde	6.498	77	253920	27.446	ng	98
10) Phenol	6.586	94	631556m	41.871	ng	
11) bis(2-Chloroethyl)ether	6.681	93	537208	42.935	ng	100
12) 1,3-Dichlorobenzene	6.881	146	538356	39.098	ng	96
13) 1,4-Dichlorobenzene	6.957	146	542281	39.456	ng	97
14) 1,2-Dichlorobenzene	7.110	146	526721	41.397	ng	99
15) Benzyl Alcohol	7.086	79	476820	46.886	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.210	45	830787	43.444	ng	99
17) 2-Methylphenol	7.192	107	439729	42.605	ng	99
18) Hexachloroethane	7.451	117	210985	41.756	ng	95
19) n-Nitroso-di-n-propyla...	7.357	70	400985	43.802	ng	99
20) 3+4-Methylphenols	7.345	107	503088	40.350	ng	96
22) Acetophenone	7.351	105	699841	38.257	ng	94
24) Nitrobenzene	7.528	77	614164	39.933	ng	99
25) Isophorone	7.763	82	1162024	43.257	ng	99
26) 2-Nitrophenol	7.839	139	276249	42.151	ng	97
27) 2,4-Dimethylphenol	7.875	122	501088	46.031	ng	99
28) bis(2-Chloroethoxy)met...	7.969	93	693151	40.262	ng	99
29) 2,4-Dichlorophenol	8.080	162	455162	39.912	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	495621	38.259	ng	99
31) Naphthalene	8.251	128	1479515	38.704	ng	99
32) Benzoic acid	8.004	122	337326	43.233	ng	98
33) 4-Chloroaniline	8.292	127	341441	22.575	ng	97
34) Hexachlorobutadiene	8.357	225	317830	38.951	ng	98
35) Caprolactam	8.675	113	142589m	38.734	ng	
36) 4-Chloro-3-methylphenol	8.775	107	486335	39.930	ng	98
37) 2-Methylnaphthalene	8.939	142	999835	39.576	ng	100
38) 1-Methylnaphthalene	9.039	142	951340	38.742	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	461923	37.485	ng	98
41) Hexachlorocyclopentadiene	9.086	237	604197	90.497	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	320178	39.488	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	338834	38.441	ng		96
46) 1,1'-Biphenyl	9.404	154	1207057	38.977	ng		100
47) 2-Chloronaphthalene	9.433	162	905007	38.388	ng		100
48) 2-Nitroaniline	9.527	65	321171	40.273	ng		97
49) Acenaphthylene	9.851	152	1463541	40.583	ng		100
50) Dimethylphthalate	9.710	163	1079064	38.485	ng		99
51) 2,6-Dinitrotoluene	9.769	165	247351	40.746	ng		96
52) Acenaphthene	10.022	154	1042146m	42.984	ng		
53) 3-Nitroaniline	9.939	138	182973	27.143	ng		99
54) 2,4-Dinitrophenol	10.045	184	271490	84.919	ng	#	85
55) Dibenzofuran	10.192	168	1305727	37.328	ng		99
56) 4-Nitrophenol	10.104	139	377362	73.309	ng		98
57) 2,4-Dinitrotoluene	10.174	165	324739	40.384	ng	#	85
58) Fluorene	10.539	166	967078	37.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.310	232	286578	38.663	ng		100
60) Diethylphthalate	10.404	149	1044275	37.982	ng		99
61) 4-Chlorophenyl-phenyle...	10.527	204	480325	37.032	ng		99
62) 4-Nitroaniline	10.563	138	241343	36.620	ng		96
63) Azobenzene	10.686	77	1151463	38.060	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	176865	41.082	ng		91
66) n-Nitrosodiphenylamine	10.651	169	877546	38.925	ng		99
67) 4-Bromophenyl-phenylether	11.021	248	318609	39.668	ng	#	91
68) Hexachlorobenzene	11.080	284	341643	40.372	ng		100
69) Atrazine	11.174	200	305795	43.865	ng		98
70) Pentachlorophenol	11.280	266	385086	77.351	ng		97
71) Phenanthrene	11.504	178	1420521	37.455	ng		99
72) Anthracene	11.557	178	1429075	37.826	ng		99
73) Carbazole	11.710	167	1300195	35.708	ng		100
74) Di-n-butylphthalate	12.033	149	1572992	38.418	ng		100
75) Fluoranthene	12.692	202	1500755	37.598	ng		99
77) Benzidine	12.815	184	394565	44.506	ng		99
78) Pyrene	12.927	202	1493696	39.492	ng		100
80) Butylbenzylphthalate	13.533	149	606015	40.879	ng		98
81) Benzo(a)anthracene	14.115	228	1234864	39.542	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	300460	30.301	ng		99
83) Chrysene	14.151	228	1155523	38.743	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	822193	41.822	ng		99
85) Di-n-octyl phthalate	14.709	149	1266731	41.578	ng		100
87) Indeno(1,2,3-cd)pyrene	17.186	276	1038239	40.079	ng		99
88) Benzo(b)fluoranthene	15.186	252	1090867	44.752	ng		100
89) Benzo(k)fluoranthene	15.221	252	961024	39.132	ng		98
90) Benzo(a)pyrene	15.574	252	966738	47.812	ng		98
91) Dibenzo(a,h)anthracene	17.203	278	892755	42.972	ng		99
92) Benzo(g,h,i)perylene	17.656	276	923732	42.191	ng		98

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

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