Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131453.D
Acq On : 29 Nov 2022 11:15
Operator : CG\JU
Sample : PB149316BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 30 01:04:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149316BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	138573	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	522519	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	290355	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	537941	20.000	ng	0.00
76) Chrysene-d12	14.157	240	370978	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	291056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1046457	143.725	ng	0.02
7) Phenol-d6	6.575	99	1331622	143.344	ng	0.00
23) Nitrobenzene-d5	7.516	82	828683	79.945	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	379587	155.391	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1474809	73.895	ng	0.00
79) Terphenyl-d14	13.098	244	1805019	79.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	149771	43.147	ng	# 90
3) Pyridine	3.604	79	404927	42.012	ng	# 84
4) n-Nitrosodimethylamine	3.569	42	223240	39.275	ng	# 74
6) Aniline	6.610	93	400133m	32.866	ng	
8) 2-Chlorophenol	6.734	128	419071	50.804	ng	93
9) Benzaldehyde	6.498	77	228663	40.068	ng	93
10) Phenol	6.587	94	494962m	48.056	ng	
11) bis(2-Chloroethyl)ether	6.681	93	397283	46.038	ng	98
12) 1,3-Dichlorobenzene	6.887	146	432603	44.004	ng	99
13) 1,4-Dichlorobenzene	6.963	146	436136	43.660	ng	100
14) 1,2-Dichlorobenzene	7.116	146	419328	45.590	ng	97
15) Benzyl Alcohol	7.092	79	342310	44.940	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.222	45	648892	39.318	ng	94
17) 2-Methylphenol	7.198	107	357602	50.864	ng	95
18) Hexachloroethane	7.463	117	158499	44.354	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	282184	41.494	ng	92
20) 3+4-Methylphenols	7.351	107	408820	45.542	ng	# 86
22) Acetophenone	7.363	105	547197	41.142	ng	# 92
24) Nitrobenzene	7.534	77	445816	41.280	ng	96
25) Isophorone	7.775	82	803522	43.449	ng	97
26) 2-Nitrophenol	7.851	139	216225	59.641	ng	86
27) 2,4-Dimethylphenol	7.886	122	384812	53.675	ng	92
28) bis(2-Chloroethoxy)met...	7.981	93	483681	46.048	ng	99
29) 2,4-Dichlorophenol	8.092	162	350803	45.110	ng	98
30) 1,2,4-Trichlorobenzene	8.175	180	388942	40.373	ng	99
31) Naphthalene	8.263	128	1149446	41.280	ng	99
32) Benzoic acid	8.010	122	255866	54.400	ng	97
33) 4-Chloroaniline	8.304	127	136256	12.404	ng	94
34) Hexachlorobutadiene	8.369	225	228179	36.578	ng	98
35) Caprolactam	8.686	113	118648m	58.061	ng	
36) 4-Chloro-3-methylphenol	8.792	107	374401	46.341	ng	99
37) 2-Methylnaphthalene	8.957	142	760256	40.297	ng	100
38) 1-Methylnaphthalene	9.057	142	723228	39.532	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	374732	39.770	ng	99
41) Hexachlorocyclopentadiene	9.104	237	444138	104.854	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	263347	49.268	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	280304	46.635	ng		97
46) 1,1'-Biphenyl	9.422	154	925171	41.754	ng		98
47) 2-Chloronaphthalene	9.451	162	734166	41.304	ng		98
48) 2-Nitroaniline	9.545	65	259046	47.999	ng		94
49) Acenaphthylene	9.869	152	1146250	42.304	ng		100
50) Dimethylphthalate	9.722	163	846079	41.823	ng		100
51) 2,6-Dinitrotoluene	9.786	165	198231	48.998	ng	#	81
52) Acenaphthene	10.039	154	805801m	47.493	ng		
53) 3-Nitroaniline	9.957	138	115089	27.684	ng		99
54) 2,4-Dinitrophenol	10.063	184	240856	111.111	ng		85
55) Dibenzofuran	10.216	168	1011027	41.419	ng		96
56) 4-Nitrophenol	10.122	139	342435	118.687	ng		89
57) 2,4-Dinitrotoluene	10.192	165	273086	53.647	ng		95
58) Fluorene	10.557	166	791638	41.555	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	241256	48.197	ng		96
60) Diethylphthalate	10.427	149	787116	41.206	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	386993	39.627	ng		99
62) 4-Nitroaniline	10.580	138	211110	51.025	ng		86
63) Azobenzene	10.710	77	816678	39.762	ng		92
65) 4,6-Dinitro-2-methylph...	10.604	198	153916	61.390	ng	#	70
66) n-Nitrosodiphenylamine	10.669	169	706208	41.199	ng		100
67) 4-Bromophenyl-phenylether	11.039	248	261844	39.714	ng		98
68) Hexachlorobenzene	11.104	284	286008	40.872	ng		94
69) Atrazine	11.198	200	254662	48.253	ng		98
70) Pentachlorophenol	11.304	266	329119	80.886	ng		98
71) Phenanthrene	11.527	178	1198422	41.222	ng		99
72) Anthracene	11.580	178	1213893	42.487	ng		99
73) Carbazole	11.733	167	1136997	46.653	ng		99
74) Di-n-butylphthalate	12.057	149	1234909	43.001	ng		99
75) Fluoranthene	12.721	202	1340508	43.758	ng		98
77) Benzidine	12.845	184	472445	68.946	ng		95
78) Pyrene	12.957	202	1359142	41.525	ng		99
80) Butylbenzylphthalate	13.568	149	488818	44.702	ng		96
81) Benzo(a)anthracene	14.145	228	1087326	42.760	ng		99
82) 3,3'-Dichlorobenzidine	14.110	252	190626	28.250	ng		98
83) Chrysene	14.186	228	1031914	41.363	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	589465	40.936	ng	#	98
85) Di-n-octyl phthalate	14.751	149	830295	41.691	ng		95
87) Indeno(1,2,3-cd)pyrene	17.262	276	886380	45.342	ng		97
88) Benzo(b)fluoranthene	15.233	252	922908	47.731	ng	#	98
89) Benzo(k)fluoranthene	15.268	252	848993	42.727	ng		99
90) Benzo(a)pyrene	15.627	252	772202	48.672	ng	#	98
91) Dibenzo(a,h)anthracene	17.286	278	741006	45.913	ng		98
92) Benzo(g,h,i)perylene	17.739	276	755244	46.886	ng		96

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

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