Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131231.D
Acq On : 14 Nov 2022 17:45
Operator : CG\JU
Sample : PB148810BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148810BS

Quant Time: Nov 15 04:44:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:52:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	81661	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	332462	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	186332	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	290697	20.000	ng		0.00
76) Chrysene-d12	13.992	240	241897	20.000	ng		0.00
86) Perylene-d12	15.451	264	136538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	590324	110.594	ng		0.02
7) Phenol-d6	6.451	99	795852	119.783	ng		0.00
23) Nitrobenzene-d5	7.381	82	549845	70.958	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	211163	114.418	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	952099	70.960	ng		0.00
79) Terphenyl-d14	12.933	244	942091	66.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	64776	28.108	ng		99
3) Pyridine	3.351	79	187860	29.026	ng		96
4) n-Nitrosodimethylamine	3.322	42	155614	35.560	ng		94
6) Aniline	6.475	93	166978	20.138	ng		97
8) 2-Chlorophenol	6.592	128	238768	43.240	ng		93
9) Benzaldehyde	6.363	77	16716	4.172	ng		90
10) Phenol	6.463	94	297273	37.898	ng		98
11) bis(2-Chloroethyl)ether	6.545	93	242728	43.036	ng		96
12) 1,3-Dichlorobenzene	6.745	146	253981	40.980	ng		96
13) 1,4-Dichlorobenzene	6.828	146	255204	38.898	ng		98
14) 1,2-Dichlorobenzene	6.975	146	243320	42.314	ng		98
15) Benzyl Alcohol	6.957	79	187631	41.802	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	433630	42.504	ng		89
17) 2-Methylphenol	7.069	107	209588	42.380	ng		98
18) Hexachloroethane	7.316	117	102123	38.588	ng		94
19) n-Nitroso-di-n-propyla...	7.228	70	183641	40.167	ng		97
20) 3+4-Methylphenols	7.222	107	243585	40.249	ng	#	86
22) Acetophenone	7.222	105	344818	38.618	ng		97
24) Nitrobenzene	7.398	77	283378	36.739	ng		99
25) Isophorone	7.639	82	501958	39.940	ng		99
26) 2-Nitrophenol	7.710	139	125119	37.846	ng		92
27) 2,4-Dimethylphenol	7.751	122	211802	44.714	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	295210	44.337	ng		99
29) 2,4-Dichlorophenol	7.957	162	202682	39.265	ng		99
30) 1,2,4-Trichlorobenzene	8.033	180	210312	35.972	ng		100
31) Naphthalene	8.116	128	680700	37.486	ng		100
32) Benzoic acid	7.898	122	117408	49.757	ng		98
33) 4-Chloroaniline	8.169	127	109064	15.454	ng		94
34) Hexachlorobutadiene	8.228	225	142801	35.280	ng		99
35) Caprolactam	8.551	113	67472m	43.819	ng		
36) 4-Chloro-3-methylphenol	8.663	107	232854	38.638	ng		100
37) 2-Methylnaphthalene	8.810	142	437938	38.347	ng		99
38) 1-Methylnaphthalene	8.910	142	406965	37.381	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	222702	36.267	ng		98
41) Hexachlorocyclopentadiene	8.957	237	209728	164.231	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	138708	38.545	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	154709	39.392	ng		97
46) 1,1'-Biphenyl	9.274	154	543548	38.817	ng		100
47) 2-Chloronaphthalene	9.298	162	428517	37.296	ng		99
48) 2-Nitroaniline	9.404	65	168845	38.311	ng		99
49) Acenaphthylene	9.716	152	645825	36.990	ng		99
50) Dimethylphthalate	9.580	163	523750	37.370	ng		100
51) 2,6-Dinitrotoluene	9.645	165	112241	36.309	ng		95
52) Acenaphthene	9.886	154	387950	34.977	ng		100
53) 3-Nitroaniline	9.816	138	62975	19.230	ng		95
54) 2,4-Dinitrophenol	9.933	184	118737	76.202	ng		96
55) Dibenzofuran	10.063	168	567273	33.732	ng		99
56) 4-Nitrophenol	9.992	139	132456	75.965	ng		95
57) 2,4-Dinitrotoluene	10.057	165	147904	37.286	ng		94
58) Fluorene	10.404	166	457919	32.138	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	123095	35.317	ng		99
60) Diethylphthalate	10.280	149	516709	34.526	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	225561	33.877	ng		98
62) 4-Nitroaniline	10.439	138	110349	30.722	ng		96
63) Azobenzene	10.557	77	522132	33.889	ng		100
65) 4,6-Dinitro-2-methylph...	10.463	198	83075	37.733	ng		91
66) n-Nitrosodiphenylamine	10.516	169	422422	37.569	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	123301	35.875	ng		97
68) Hexachlorobenzene	10.951	284	123548	32.803	ng		97
69) Atrazine	11.045	200	66937	20.824	ng		98
70) Pentachlorophenol	11.151	266	98385	71.717	ng		95
71) Phenanthrene	11.368	178	523887	31.268	ng		99
72) Anthracene	11.421	178	590819	36.801	ng		99
73) Carbazole	11.580	167	508635	33.107	ng		100
74) Di-n-butylphthalate	11.904	149	648973	34.281	ng		99
75) Fluoranthene	12.557	202	730975	39.547	ng		99
77) Benzidine	12.680	184	65791	10.144	ng		99
78) Pyrene	12.786	202	660039	32.097	ng		99
80) Butylbenzylphthalate	13.404	149	269876	32.738	ng		95
81) Benzo(a)anthracene	13.980	228	641970	37.348	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	139310	27.841	ng		99
83) Chrysene	14.015	228	598522	36.532	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	430001	41.027	ng		99
85) Di-n-octyl phthalate	14.574	149	438056	28.720	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	365138	38.952	ng		100
88) Benzo(b)fluoranthene	15.021	252	485898m	48.567	ng		
89) Benzo(k)fluoranthene	15.056	252	447304	47.551	ng		99
90) Benzo(a)pyrene	15.386	252	293701	37.511	ng	#	96
91) Dibenzo(a,h)anthracene	16.933	278	308257	40.186	ng		99
92) Benzo(g,h,i)perylene	17.362	276	327388	41.212	ng		97

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

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