Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135059.D
Acq On : 01 Sep 2023 00:40
Operator : CG\JU
Sample : 04070-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 01 01:54:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/01/2023
Supervised By :mohammad ahmed
09/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	269203	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	1106449	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	550484	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	942029	20.000	ng		0.00
76) Chrysene-d12	13.963	240	450333	20.000	ng	#	0.00
86) Perylene-d12	15.427	264	576549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	960771	55.127	ng		0.01
7) Phenol-d6	6.422	99	1243390	57.237	ng		0.00
23) Nitrobenzene-d5	7.339	82	783317	39.773	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	303112	51.907	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1258648	37.226	ng		0.00
79) Terphenyl-d14	12.898	244	953964	34.569	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	147908	20.035	ng		99
3) Pyridine	3.293	79	382004	19.194	ng		99
4) n-Nitrosodimethylamine	3.257	42	238417	24.495	ng		96
6) Aniline	6.439	93	501144	18.609	ng	#	75
8) 2-Chlorophenol	6.563	128	473793	26.759	ng		98
9) Benzaldehyde	6.328	77	205978	18.609	ng		96
10) Phenol	6.434	94	554659	24.321	ng		88
11) bis(2-Chloroethyl)ether	6.516	93	436021	25.389	ng		100
12) 1,3-Dichlorobenzene	6.716	146	469322	25.727	ng		99
13) 1,4-Dichlorobenzene	6.792	146	471277	25.812	ng		98
14) 1,2-Dichlorobenzene	6.939	146	454844	26.696	ng		98
15) Benzyl Alcohol	6.922	79	407150	27.357	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	724455	25.191	ng		99
17) 2-Methylphenol	7.034	107	371318	24.066	ng		97
18) Hexachloroethane	7.281	117	180777	26.729	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	314658	24.385	ng		97
20) 3+4-Methylphenols	7.186	107	425037	23.350	ng		98
22) Acetophenone	7.186	105	605202	24.591	ng		98
24) Nitrobenzene	7.363	77	485832	24.048	ng		100
25) Isophorone	7.598	82	913193	24.456	ng		99
26) 2-Nitrophenol	7.675	139	253538	25.401	ng		98
27) 2,4-Dimethylphenol	7.716	122	379919	23.642	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	551059	24.464	ng		99
29) 2,4-Dichlorophenol	7.916	162	388359	25.428	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	417784	25.313	ng		98
31) Naphthalene	8.081	128	1288887	23.846	ng		100
32) Benzoic acid	7.857	122	284790	22.155	ng		93
33) 4-Chloroaniline	8.128	127	387611	16.396	ng		97
34) Hexachlorobutadiene	8.192	225	233126	24.889	ng		98
35) Caprolactam	8.516	113	123499m	24.696	ng		
36) 4-Chloro-3-methylphenol	8.622	107	403618	24.331	ng		100
37) 2-Methylnaphthalene	8.769	142	837125	23.213	ng		100
38) 1-Methylnaphthalene	8.869	142	795602	23.578	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	385970	25.047	ng		99
41) Hexachlorocyclopentadiene	8.922	237	300566	45.826	ng		98
43) 2,4,6-Trichlorophenol	9.051	196	262058	25.322	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	273951	22.864	ng	#	93
46) 1,1'-Biphenyl	9.239	154	1033639	24.576	ng		99
47) 2-Chloronaphthalene	9.263	162	788727	24.938	ng		99
48) 2-Nitroaniline	9.363	65	266784	24.641	ng		95
49) Acenaphthylene	9.675	152	1177822	24.635	ng		100
50) Dimethylphthalate	9.545	163	942851	24.461	ng		99
51) 2,6-Dinitrotoluene	9.610	165	206895	24.462	ng		93
52) Acenaphthene	9.851	154	729227	23.934	ng		98
53) 3-Nitroaniline	9.775	138	200784	20.379	ng		97
54) 2,4-Dinitrophenol	9.886	184	146839	36.326	ng		95
55) Dibenzofuran	10.022	168	1022716	23.269	ng		99
56) 4-Nitrophenol	9.951	139	284559	41.088	ng		97
57) 2,4-Dinitrotoluene	10.016	165	250182	23.736	ng		97
58) Fluorene	10.369	166	796028	23.757	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	223793	24.256	ng		98
60) Diethylphthalate	10.245	149	874050	24.089	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	384373	23.192	ng		99
62) 4-Nitroaniline	10.398	138	204015	21.163	ng		98
63) Azobenzene	10.522	77	845871	23.152	ng		99
65) 4,6-Dinitro-2-methylph...	10.427	198	125771	22.060	ng		81
66) n-Nitrosodiphenylamine	10.480	169	722320	24.660	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	246730	24.694	ng		97
68) Hexachlorobenzene	10.916	284	272219	26.348	ng		96
69) Atrazine	11.016	200	236506	32.191	ng		98
70) Pentachlorophenol	11.110	266	216756	34.678	ng		99
71) Phenanthrene	11.333	178	1164166	23.954	ng		99
72) Anthracene	11.386	178	1166436	23.491	ng		99
73) Carbazole	11.539	167	940054	21.950	ng		99
74) Di-n-butylphthalate	11.874	149	1253953	24.289	ng		99
75) Fluoranthene	12.521	202	961334	19.564	ng		100
77) Benzidine	12.645	184	242531	29.876	ng		99
78) Pyrene	12.751	202	920300	21.524	ng		99
80) Butylbenzylphthalate	13.380	149	349410	22.621	ng		98
81) Benzo(a)anthracene	13.951	228	703599	22.904	ng		99
82) 3,3'-Dichlorobenzidine	13.915	252	246603	26.604	ng		99
83) Chrysene	13.986	228	697625	23.108	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	422259	26.415	ng		98
85) Di-n-octyl phthalate	14.562	149	853559	34.983	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	879720	22.653	ng		99
88) Benzo(b)fluoranthene	15.004	252	853397	23.789	ng		98
89) Benzo(k)fluoranthene	15.033	252	742602	21.427	ng		98
90) Benzo(a)pyrene	15.368	252	737329	22.125	ng		98
91) Dibenzo(a,h)anthracene	16.933	278	717034	22.797	ng		97
92) Benzo(g,h,i)perylene	17.362	276	659700	20.166	ng		98

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

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