Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136466.D
Acq On : 08 Dec 2023 14:29
Operator : CG\JU
Sample : PB157617BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 08 14:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157617BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	130837	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	560114	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	297754	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	541028	20.000	ng		0.00
76) Chrysene-d12	13.974	240	261881	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	238195	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1022834	115.453	ng		0.02
7) Phenol-d6	6.451	99	1267247	114.648	ng		0.00
23) Nitrobenzene-d5	7.363	82	769663	74.285	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	410497	111.811	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1576843	72.261	ng		0.00
79) Terphenyl-d14	12.921	244	1623332	81.702	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	107998	30.820	ng		99
3) Pyridine	3.422	79	272708	32.136	ng		97
4) n-Nitrosodimethylamine	3.387	42	152431	41.345	ng		94
6) Aniline	6.463	93	324919	29.087	ng	#	1
8) 2-Chlorophenol	6.586	128	409437	42.333	ng		99
9) Benzaldehyde	6.345	77	14792	0.944	ng		94
10) Phenol	6.463	94	470416	39.995	ng		86
11) bis(2-Chloroethyl)ether	6.539	93	361986	41.289	ng		99
12) 1,3-Dichlorobenzene	6.739	146	413116	37.981	ng		100
13) 1,4-Dichlorobenzene	6.816	146	425939	38.604	ng		100
14) 1,2-Dichlorobenzene	6.963	146	407596	39.284	ng		98
15) Benzyl Alcohol	6.945	79	320748	43.334	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	456858	40.517	ng		93
17) 2-Methylphenol	7.057	107	320104	40.966	ng		95
18) Hexachloroethane	7.304	117	150434	39.051	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	259807	40.746	ng		99
20) 3+4-Methylphenols	7.210	107	394922	40.719	ng		98
22) Acetophenone	7.204	105	550601	39.808	ng	#	98
24) Nitrobenzene	7.381	77	393366	37.741	ng		100
25) Isophorone	7.616	82	728762	39.150	ng		99
26) 2-Nitrophenol	7.692	139	213003	41.569	ng		99
27) 2,4-Dimethylphenol	7.739	122	331750	52.507	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	456299	39.893	ng		99
29) 2,4-Dichlorophenol	7.939	162	338928	40.640	ng		100
30) 1,2,4-Trichlorobenzene	8.016	180	373086	38.365	ng		98
31) Naphthalene	8.098	128	1181456	38.250	ng		100
32) Benzoic acid	7.880	122	250376	39.946	ng		96
33) 4-Chloroaniline	8.151	127	272512	24.747	ng		98
34) Hexachlorobutadiene	8.210	225	214232	37.172	ng		99
35) Caprolactam	8.527	113	104073m	40.523	ng		
36) 4-Chloro-3-methylphenol	8.639	107	356304	40.238	ng		99
37) 2-Methylnaphthalene	8.792	142	764229	38.891	ng		95
38) 1-Methylnaphthalene	8.886	142	718852	37.280	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	363840	39.276	ng		99
41) Hexachlorocyclopentadiene	8.939	237	350697	102.187	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	240038	39.796	ng		99

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44) 2,4,5-Trichlorophenol	9.122	196	261878	38.900	ng		94
46) 1,1'-Biphenyl	9.257	154	973563	38.426	ng		99
47) 2-Chloronaphthalene	9.280	162	737909	37.420	ng		99
48) 2-Nitroaniline	9.380	65	210274	39.758	ng		95
49) Acenaphthylene	9.698	152	1134335	40.381	ng		99
50) Dimethylphthalate	9.563	163	863451	39.388	ng		99
51) 2,6-Dinitrotoluene	9.622	165	193610	39.258	ng		93
52) Acenaphthene	9.869	154	696697	38.704	ng		99
53) 3-Nitroaniline	9.792	138	155375	30.852	ng		98
54) 2,4-Dinitrophenol	9.904	184	202434	81.185	ng		92
55) Dibenzofuran	10.039	168	1023536	38.922	ng		98
56) 4-Nitrophenol	9.969	139	291282	77.154	ng		98
57) 2,4-Dinitrotoluene	10.033	165	251694	38.579	ng		96
58) Fluorene	10.386	166	800512	37.922	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224020	41.543	ng		99
60) Diethylphthalate	10.263	149	837404	38.847	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	395384	38.422	ng		99
62) 4-Nitroaniline	10.416	138	183774	36.750	ng		99
63) Azobenzene	10.539	77	747667	38.106	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	138631	41.374	ng		96
66) n-Nitrosodiphenylamine	10.498	169	721464	41.558	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	251136	39.924	ng		93
68) Hexachlorobenzene	10.933	284	288601	39.696	ng	#	92
69) Atrazine	11.033	200	207512	41.880	ng		99
70) Pentachlorophenol	11.133	266	261715	63.784	ng		98
71) Phenanthrene	11.351	178	1199827	40.348	ng		100
72) Anthracene	11.404	178	1208134	40.336	ng		99
73) Carbazole	11.557	167	1017014	38.364	ng		100
74) Di-n-butylphthalate	11.892	149	1272236	39.148	ng		99
75) Fluoranthene	12.545	202	1133467	36.372	ng		100
77) Benzidine	12.663	184	78250	19.320	ng		98
78) Pyrene	12.768	202	1121274	43.718	ng		99
80) Butylbenzylphthalate	13.398	149	390181	42.736	ng		95
81) Benzo(a)anthracene	13.968	228	754674	41.371	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	207652	40.600	ng		99
83) Chrysene	14.004	228	703084	39.175	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	477577	42.669	ng		99
85) Di-n-octyl phthalate	14.580	149	716912	43.363	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	853953	51.605	ng		100
88) Benzo(b)fluoranthene	15.021	252	665732	40.878	ng		99
89) Benzo(k)fluoranthene	15.051	252	648391	42.246	ng		100
90) Benzo(a)pyrene	15.392	252	593646	44.138	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	716449	52.848	ng		99
92) Benzo(g,h,i)perylene	17.421	276	707815	50.868	ng		99

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

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