Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
Data File : BF137038.D
Acq On : 11 Jan 2024 14:46
Operator : CG\JU
Sample : PB158373BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 11 15:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158373BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	73486	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	284438	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	149775	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	285559	20.000	ng		0.00
76) Chrysene-d12	13.980	240	148087	20.000	ng	#	0.01
86) Perylene-d12	15.463	264	133518	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	541887	115.056	ng		0.02
7) Phenol-d6	6.446	99	676368	110.830	ng		0.00
23) Nitrobenzene-d5	7.357	82	409241	73.623	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	198504	112.535	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	831788	74.695	ng		0.00
79) Terphenyl-d14	12.916	244	844434	79.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	64941	33.093	ng		96
3) Pyridine	3.399	79	147384	30.782	ng		97
4) n-Nitrosodimethylamine	3.363	42	89868	35.148	ng		97
6) Aniline	6.457	93	190673	31.250	ng	#	10
8) 2-Chlorophenol	6.581	128	209824	40.710	ng		93
9) Benzaldehyde	6.346	77	66502	19.158	ng		99
10) Phenol	6.457	94	247786	38.035	ng		94
11) bis(2-Chloroethyl)ether	6.528	93	191602	38.673	ng		98
12) 1,3-Dichlorobenzene	6.728	146	205369	36.526	ng		96
13) 1,4-Dichlorobenzene	6.804	146	210394	36.622	ng		98
14) 1,2-Dichlorobenzene	6.951	146	200210	37.452	ng		99
15) Benzyl Alcohol	6.940	79	155551	37.781	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	301018	37.163	ng		72
17) 2-Methylphenol	7.057	107	170308	39.887	ng	#	92
18) Hexachloroethane	7.287	117	75028	35.960	ng		100
19) n-Nitroso-di-n-propyla...	7.204	70	143027	38.662	ng		96
20) 3+4-Methylphenols	7.210	107	215322	40.366	ng	#	55
22) Acetophenone	7.198	105	286864	40.237	ng	#	89
24) Nitrobenzene	7.375	77	207169	37.206	ng		93
25) Isophorone	7.610	82	384405	38.006	ng		98
26) 2-Nitrophenol	7.687	139	109509	41.106	ng		99
27) 2,4-Dimethylphenol	7.728	122	181593	55.989	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	240524	39.122	ng		99
29) 2,4-Dichlorophenol	7.934	162	171147	40.988	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	174463	37.500	ng		97
31) Naphthalene	8.087	128	594655	38.055	ng		99
32) Benzoic acid	7.887	122	121187	38.617	ng		97
33) 4-Chloroaniline	8.140	127	129010	22.361	ng		97
34) Hexachlorobutadiene	8.198	225	102597	36.297	ng		99
35) Caprolactam	8.528	113	56908m	41.313	ng		
36) 4-Chloro-3-methylphenol	8.640	107	185811	39.528	ng		98
37) 2-Methylnaphthalene	8.781	142	395785	39.356	ng		98
38) 1-Methylnaphthalene	8.881	142	356532	36.136	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	181451	39.119	ng		98
41) Hexachlorocyclopentadiene	8.928	237	99980	68.361	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	116683	39.225	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	125957	37.997	ng		96
46) 1,1'-Biphenyl	9.245	154	497366	39.573	ng		99
47) 2-Chloronaphthalene	9.269	162	361985	37.886	ng		98
48) 2-Nitroaniline	9.375	65	116410	38.907	ng		98
49) Acenaphthylene	9.687	152	577538	39.546	ng		99
50) Dimethylphthalate	9.551	163	429994	39.305	ng		100
51) 2,6-Dinitrotoluene	9.622	165	94097	37.899	ng		99
52) Acenaphthene	9.857	154	350969	38.769	ng		99
53) 3-Nitroaniline	9.792	138	78433	29.821	ng		89
54) 2,4-Dinitrophenol	9.910	184	80245	59.328	ng		92
55) Dibenzofuran	10.034	168	525951	38.326	ng		98
56) 4-Nitrophenol	9.975	139	104891	59.078	ng		96
57) 2,4-Dinitrotoluene	10.028	165	119027	36.928	ng	#	86
58) Fluorene	10.375	166	431859	39.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	101022	39.589	ng		97
60) Diethylphthalate	10.251	149	440703	38.826	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	202633	38.286	ng		92
62) 4-Nitroaniline	10.416	138	86864	34.260	ng		92
63) Azobenzene	10.528	77	396947	37.442	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	63677	38.910	ng		89
66) n-Nitrosodiphenylamine	10.492	169	373958	40.313	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	126272	39.817	ng		100
68) Hexachlorobenzene	10.928	284	137183	38.816	ng		98
69) Atrazine	11.028	200	161321	67.994	ng		96
70) Pentachlorophenol	11.133	266	111095	67.440	ng		98
71) Phenanthrene	11.345	178	596558	40.714	ng		99
72) Anthracene	11.398	178	598580	40.339	ng		99
73) Carbazole	11.557	167	546357	39.053	ng		100
74) Di-n-butylphthalate	11.880	149	673797	39.469	ng		99
75) Fluoranthene	12.539	202	588727	37.564	ng		98
77) Benzidine	12.663	184	85943	19.683	ng		98
78) Pyrene	12.769	202	586156	40.321	ng		99
80) Butylbenzylphthalate	13.386	149	226523	42.824	ng		98
81) Benzo(a)anthracene	13.969	228	423922	41.226	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	114718	39.283	ng	#	98
83) Chrysene	14.004	228	393048	39.087	ng		96
84) Bis(2-ethylhexyl)phtha...	13.951	149	293100	44.040	ng	#	97
85) Di-n-octyl phthalate	14.563	149	451931	43.899	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	443288	45.983	ng		99
88) Benzo(b)fluoranthene	15.027	252	374382	41.982	ng		97
89) Benzo(k)fluoranthene	15.063	252	350986	41.653	ng		99
90) Benzo(a)pyrene	15.404	252	322612	42.857	ng		99
91) Dibenzo(a,h)anthracene	17.010	278	372773	47.134	ng		97
92) Benzo(g,h,i)perylene	17.462	276	377352	46.585	ng		99

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

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