Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136334.D
Acq On : 01 Dec 2023 13:12
Operator : CG\JU
Sample : PB157138BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 01 14:27:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157138BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/01/2023
Supervised By :mohammad ahmed
12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	130370	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	563627	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	285080	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	491742	20.000	ng		0.00
76) Chrysene-d12	13.986	240	225632	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	256560	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1172496	125.177	ng		0.02
7) Phenol-d6	6.451	99	1449323	123.749	ng		0.00
23) Nitrobenzene-d5	7.375	82	887902	83.246	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	438607	125.843	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1839659	82.426	ng		0.00
79) Terphenyl-d14	12.933	244	1599920	81.792	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	135298	38.176	ng		95
3) Pyridine	3.440	79	304576	34.814	ng		94
4) n-Nitrosodimethylamine	3.404	42	174090	39.366	ng		88
6) Aniline	6.475	93	442146	39.942	ng		97
8) 2-Chlorophenol	6.598	128	453679	44.484	ng		92
9) Benzaldehyde	6.363	77	226345	34.675	ng		97
10) Phenol	6.463	94	545291	43.398	ng		97
11) bis(2-Chloroethyl)ether	6.551	93	403320	43.756	ng		96
12) 1,3-Dichlorobenzene	6.751	146	475865	41.115	ng		99
13) 1,4-Dichlorobenzene	6.828	146	485857	41.293	ng		98
14) 1,2-Dichlorobenzene	6.975	146	456537	40.986	ng		96
15) Benzyl Alcohol	6.957	79	353792	43.086	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	543590	42.457	ng		97
17) 2-Methylphenol	7.063	107	359316	44.813	ng		100
18) Hexachloroethane	7.316	117	169870	41.160	ng		93
19) n-Nitroso-di-n-propyla...	7.228	70	300350	42.879	ng		96
20) 3+4-Methylphenols	7.216	107	449461	43.132	ng		91
22) Acetophenone	7.222	105	632303	42.715	ng	#	93
24) Nitrobenzene	7.392	77	442462	40.935	ng		95
25) Isophorone	7.628	82	831111	43.214	ng		97
26) 2-Nitrophenol	7.704	139	230780	50.111	ng		97
27) 2,4-Dimethylphenol	7.745	122	387342	63.901	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	511848	43.999	ng		97
29) 2,4-Dichlorophenol	7.945	162	376507	46.050	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	421766	42.134	ng		99
31) Naphthalene	8.110	128	1337362	42.214	ng		99
32) Benzoic acid	7.881	122	264313	47.845	ng		96
33) 4-Chloroaniline	8.157	127	373661	34.699	ng		98
34) Hexachlorobutadiene	8.222	225	237803	40.606	ng		99
35) Caprolactam	8.534	113	110540m	48.363	ng		
36) 4-Chloro-3-methylphenol	8.645	107	394833	44.526	ng		98
37) 2-Methylnaphthalene	8.798	142	859715	43.261	ng		99
38) 1-Methylnaphthalene	8.898	142	796957	41.109	ng		95
40) 1,2,4,5-Tetrachloroben...	8.969	216	409083	45.089	ng		98
41) Hexachlorocyclopentadiene	8.951	237	444872	127.433	ng		96
43) 2,4,6-Trichlorophenol	9.081	196	265924	45.158	ng		94

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44) 2,4,5-Trichlorophenol	9.128	196	280942	43.717	ng		98
46) 1,1'-Biphenyl	9.269	154	1106599	44.018	ng		99
47) 2-Chloronaphthalene	9.292	162	833187	42.677	ng		98
48) 2-Nitroaniline	9.392	65	227994	44.729	ng	#	80
49) Acenaphthylene	9.710	152	1254724	45.035	ng		99
50) Dimethylphthalate	9.575	163	948488	44.020	ng		99
51) 2,6-Dinitrotoluene	9.633	165	198841	45.172	ng		97
52) Acenaphthene	9.880	154	767966	43.618	ng		98
53) 3-Nitroaniline	9.804	138	162961	37.311	ng		95
54) 2,4-Dinitrophenol	9.910	184	199396	97.397	ng		98
55) Dibenzofuran	10.051	168	1138788	43.466	ng		99
56) 4-Nitrophenol	9.969	139	266020	80.193	ng		91
57) 2,4-Dinitrotoluene	10.039	165	259606	44.152	ng		94
58) Fluorene	10.398	166	869122	42.292	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	235319	46.022	ng		99
60) Diethylphthalate	10.275	149	899569	41.736	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	428202	42.906	ng		96
62) 4-Nitroaniline	10.422	138	171282	40.063	ng		97
63) Azobenzene	10.551	77	835165	41.796	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	136324	50.695	ng		84
66) n-Nitrosodiphenylamine	10.510	169	759153	48.174	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	269372	46.954	ng		98
68) Hexachlorobenzene	10.945	284	301292	45.377	ng		95
69) Atrazine	11.039	200	134602	28.794	ng		96
70) Pentachlorophenol	11.139	266	287520	76.607	ng		97
71) Phenanthrene	11.363	178	1256020	45.445	ng		99
72) Anthracene	11.416	178	1269096	45.789	ng		99
73) Carbazole	11.569	167	963565	40.876	ng		100
74) Di-n-butylphthalate	11.904	149	1248585	42.333	ng		98
75) Fluoranthene	12.551	202	1062183	37.858	ng		95
77) Benzidine	12.680	184	200111	53.953	ng		97
78) Pyrene	12.780	202	1047975	42.410	ng		97
80) Butylbenzylphthalate	13.410	149	340073	44.220	ng		98
81) Benzo(a)anthracene	13.980	228	738300	44.053	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	251953	62.454	ng		96
83) Chrysene	14.016	228	709357	43.837	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	441203	47.803	ng	#	99
85) Di-n-octyl phthalate	14.592	149	825996	54.339	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	865359	45.285	ng		98
88) Benzo(b)fluoranthene	15.039	252	780267	43.349	ng		99
89) Benzo(k)fluoranthene	15.068	252	754083	44.110	ng		99
90) Benzo(a)pyrene	15.410	252	688528	46.793	ng		98
91) Dibenzo(a,h)anthracene	17.009	278	718473	46.753	ng		99
92) Benzo(g,h,i)perylene	17.445	276	704406	45.702	ng		100

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

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