Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138155.D
Acq On : 07 Jun 2024 12:33
Operator : CG\JU
Sample : PB161349BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 07 13:28:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161349BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	452022	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1776515	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	997031	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1694084	20.000	ng	0.00
76) Chrysene-d12	14.068	240	904477	20.000	ng	0.00
86) Perylene-d12	15.545	264	807662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3221852	121.472	ng	0.02
7) Phenol-d6	6.539	99	4110043	122.475	ng	0.00
23) Nitrobenzene-d5	7.475	82	2530215	96.903	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1285728	133.998	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4711425	82.626	ng	0.00
79) Terphenyl-d14	13.021	244	5028873	83.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.845	88	408950	33.641	ng	97
3) Pyridine	3.581	79	1021665	34.299	ng	97
4) n-Nitrosodimethylamine	3.545	42	611391	41.810	ng	93
6) Aniline	6.569	93	954692	28.058	ng	98
8) 2-Chlorophenol	6.692	128	1361578	47.451	ng	97
9) Benzaldehyde	6.457	77	787405	50.446	ng	98
10) Phenol	6.551	94	1574204m	45.659	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1219206	44.111	ng	98
12) 1,3-Dichlorobenzene	6.851	146	1391658	42.329	ng	98
13) 1,4-Dichlorobenzene	6.928	146	1410958	42.612	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1363441	43.867	ng	99
15) Benzyl Alcohol	7.051	79	1064023	44.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1752765	43.197	ng	96
17) 2-Methylphenol	7.157	107	1049334	45.181	ng	98
18) Hexachloroethane	7.422	117	498359	44.097	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	908058	42.437	ng	95
20) 3+4-Methylphenols	7.310	107	1292387	44.719	ng	95
22) Acetophenone	7.322	105	1736063	42.448	ng	98
24) Nitrobenzene	7.492	77	1321887	46.473	ng	98
25) Isophorone	7.728	82	2481903	43.146	ng	99
26) 2-Nitrophenol	7.804	139	671483	54.108	ng	98
27) 2,4-Dimethylphenol	7.839	122	1002707	50.183	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	1537724	43.886	ng	99
29) 2,4-Dichlorophenol	8.045	162	1166900	48.455	ng	98
30) 1,2,4-Trichlorobenzene	8.127	180	1266661	43.592	ng	99
31) Naphthalene	8.216	128	3651220	42.492	ng	99
32) Benzoic acid	7.975	122	835675	52.655	ng	98
33) 4-Chloroaniline	8.257	127	589220	18.245	ng	98
34) Hexachlorobutadiene	8.327	225	723641	42.380	ng	98
35) Caprolactam	8.633	113	362001m	45.018	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1137046	46.075	ng	97
37) 2-Methylnaphthalene	8.904	142	2481466	42.839	ng	99
38) 1-Methylnaphthalene	9.004	142	2331892	41.115	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1269569	45.102	ng	99
41) Hexachlorocyclopentadiene	9.057	237	1163263	125.183	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	863465	50.523	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	925128	49.124	ng		97
46) 1,1'-Biphenyl	9.369	154	3072829	43.876	ng		100
47) 2-Chloronaphthalene	9.392	162	2420786	43.373	ng		100
48) 2-Nitroaniline	9.486	65	670827	48.333	ng		99
49) Acenaphthylene	9.810	152	3651579	46.233	ng		98
50) Dimethylphthalate	9.669	163	2797438	44.653	ng		99
51) 2,6-Dinitrotoluene	9.727	165	650412	47.847	ng		98
52) Acenaphthene	9.980	154	2510092	47.036	ng		99
53) 3-Nitroaniline	9.898	138	440628	33.335	ng		98
54) 2,4-Dinitrophenol	10.004	184	558473	94.904	ng		99
55) Dibenzofuran	10.151	168	3350149	44.383	ng		99
56) 4-Nitrophenol	10.057	139	985376	103.412	ng		99
57) 2,4-Dinitrotoluene	10.133	165	826506	50.772	ng		91
58) Fluorene	10.498	166	2526653	42.143	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	774420	52.135	ng		98
60) Diethylphthalate	10.369	149	2689465	43.976	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	1299875	42.677	ng		100
62) 4-Nitroaniline	10.516	138	569678	48.717	ng		96
63) Azobenzene	10.645	77	2551129	43.309	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	382818	56.653	ng		89
66) n-Nitrosodiphenylamine	10.610	169	2349378	46.440	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	906305	46.985	ng	#	91
68) Hexachlorobenzene	11.039	284	1019931	45.482	ng		99
69) Atrazine	11.133	200	806333	49.540	ng		99
70) Pentachlorophenol	11.233	266	1176690	98.022	ng		99
71) Phenanthrene	11.457	178	3665981	44.952	ng		99
72) Anthracene	11.510	178	3638834	44.736	ng		99
73) Carbazole	11.663	167	3154867	42.411	ng		100
74) Di-n-butylphthalate	11.992	149	3812870	43.608	ng		100
75) Fluoranthene	12.645	202	3630922	41.263	ng		100
77) Benzidine	12.762	184	122927	13.207	ng		99
78) Pyrene	12.874	202	3620562	44.262	ng		100
80) Butylbenzylphthalate	13.492	149	1353430	50.107	ng		96
81) Benzo(a)anthracene	14.057	228	2576192	45.145	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	568936	39.336	ng		99
83) Chrysene	14.098	228	2522694	46.064	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1786477	45.396	ng		99
85) Di-n-octyl phthalate	14.668	149	2652365	48.965	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	2276907	51.505	ng		99
88) Benzo(b)fluoranthene	15.115	252	2317585	45.645	ng		99
89) Benzo(k)fluoranthene	15.145	252	2356760	48.674	ng		99
90) Benzo(a)pyrene	15.486	252	2028283	52.746	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	1829173	51.700	ng		100
92) Benzo(g,h,i)perylene	17.497	276	1826782	49.894	ng		99

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

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