Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138154.D
Acq On : 07 Jun 2024 12:03
Operator : CG\JU
Sample : PB161334BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 12:26:04 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 :
PB161334BSD

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	429932	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1698016	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	951968	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1610494	20.000	ng	0.00
76) Chrysene-d12	14.068	240	852116	20.000	ng	0.00
86) Perylene-d12	15.545	264	787446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3048137	120.827	ng	0.02
7) Phenol-d6	6.540	99	3904533	122.329	ng	0.00
23) Nitrobenzene-d5	7.475	82	2378201	95.292	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1247739	136.194	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4495309	82.568	ng	0.00
79) Terphenyl-d14	13.016	244	4779169	83.890	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	385838	33.370	ng	97
3) Pyridine	3.569	79	953616	33.660	ng	98
4) n-Nitrosodimethylamine	3.534	42	580893	41.766	ng	96
6) Aniline	6.569	93	885831	27.372	ng	99
8) 2-Chlorophenol	6.692	128	1276702	46.779	ng	98
9) Benzaldehyde	6.457	77	739963	49.698	ng	99
10) Phenol	6.551	94	1463101m	44.617	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1157514	44.031	ng	100
12) 1,3-Dichlorobenzene	6.851	146	1320190	42.218	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1346036	42.740	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1300785	44.001	ng	100
15) Benzyl Alcohol	7.051	79	998952	44.232	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1664710	43.135	ng	96
17) 2-Methylphenol	7.157	107	998357	45.194	ng	99
18) Hexachloroethane	7.422	117	469016	43.633	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	867691	42.634	ng	95
20) 3+4-Methylphenols	7.310	107	1224766	44.557	ng	96
22) Acetophenone	7.322	105	1650755	42.229	ng	100
24) Nitrobenzene	7.492	77	1249145	45.946	ng	97
25) Isophorone	7.728	82	2340331	42.566	ng	99
26) 2-Nitrophenol	7.804	139	613590	52.316	ng	97
27) 2,4-Dimethylphenol	7.839	122	938535	49.143	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	1451927	43.353	ng	99
29) 2,4-Dichlorophenol	8.045	162	1096816	47.651	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	1195211	43.034	ng	99
31) Naphthalene	8.210	128	3520303	42.863	ng	99
32) Benzoic acid	7.969	122	777629	51.713	ng	99
33) 4-Chloroaniline	8.257	127	541593	17.546	ng	97
34) Hexachlorobutadiene	8.328	225	692006	42.400	ng	98
35) Caprolactam	8.634	113	338676m	44.064	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1075663	45.602	ng	97
37) 2-Methylnaphthalene	8.904	142	2392094	43.206	ng	100
38) 1-Methylnaphthalene	9.004	142	2248575	41.479	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	1234727	45.940	ng	99
41) Hexachlorocyclopentadiene	9.051	237	1115744	125.753	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	817219	50.080	ng	100

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44) 2,4,5-Trichlorophenol	9.216	196	882229	49.064	ng		99
46) 1,1'-Biphenyl	9.369	154	2942621	44.006	ng		99
47) 2-Chloronaphthalene	9.392	162	2323766	43.606	ng		99
48) 2-Nitroaniline	9.486	65	631465	47.718	ng		100
49) Acenaphthylene	9.810	152	3484615	46.208	ng		98
50) Dimethylphthalate	9.669	163	2676499	44.745	ng		99
51) 2,6-Dinitrotoluene	9.728	165	610459	47.092	ng		97
52) Acenaphthene	9.980	154	2426826	47.628	ng		99
53) 3-Nitroaniline	9.898	138	414388	32.878	ng	#	94
54) 2,4-Dinitrophenol	10.004	184	516156	93.091	ng		97
55) Dibenzofuran	10.151	168	3184132	44.181	ng		99
56) 4-Nitrophenol	10.057	139	923796	101.539	ng		97
57) 2,4-Dinitrotoluene	10.133	165	782076	50.351	ng		90
58) Fluorene	10.492	166	2458227	42.942	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	731364	51.567	ng		99
60) Diethylphthalate	10.369	149	2577949	44.148	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	1265611	43.519	ng		99
62) 4-Nitroaniline	10.516	138	538247	48.208	ng		95
63) Azobenzene	10.645	77	2427470	43.160	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	358344	56.054	ng		84
66) n-Nitrosodiphenylamine	10.610	169	2267157	47.141	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	878212	47.892	ng		98
68) Hexachlorobenzene	11.039	284	990268	46.451	ng		99
69) Atrazine	11.133	200	761129	49.190	ng		99
70) Pentachlorophenol	11.233	266	1124096	98.501	ng		99
71) Phenanthrene	11.457	178	3502389	45.175	ng		100
72) Anthracene	11.510	178	3471377	44.892	ng		99
73) Carbazole	11.663	167	3009276	42.554	ng		100
74) Di-n-butylphthalate	11.992	149	3679872	44.271	ng		100
75) Fluoranthene	12.645	202	3429249	40.994	ng		99
77) Benzidine	12.763	184	100042	11.409	ng		98
78) Pyrene	12.874	202	3449028	44.756	ng		99
80) Butylbenzylphthalate	13.492	149	1225163	48.145	ng		93
81) Benzo(a)anthracene	14.057	228	2437656	45.343	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	520850	38.224	ng		98
83) Chrysene	14.098	228	2386430	46.253	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1632438	44.031	ng		99
85) Di-n-octyl phthalate	14.668	149	2422720	47.474	ng		98
87) Indeno(1,2,3-cd)pyrene	17.045	276	2248376	52.121	ng		99
88) Benzo(b)fluoranthene	15.115	252	2259528	45.644	ng		99
89) Benzo(k)fluoranthene	15.145	252	2232985	47.302	ng		99
90) Benzo(a)pyrene	15.486	252	1897965	50.625	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	1811962	52.470	ng		100
92) Benzo(g,h,i)perylene	17.498	276	1843514	51.539	ng		99

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

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