Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138423.D
Acq On : 02 Jul 2024 12:10
Operator : CG\JU
Sample : PB161833BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 02 12:32:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161833BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	193419	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	783773	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	421613	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	692295	20.000	ng		0.00
76) Chrysene-d12	14.033	240	296409	20.000	ng	#	0.00
86) Perylene-d12	15.498	264	354290	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1395390	119.610	ng		0.02
7) Phenol-d6	6.516	99	1880577	119.664	ng		0.00
23) Nitrobenzene-d5	7.445	82	1218382	80.753	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	408301	118.533	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1969741	74.352	ng		0.00
79) Terphenyl-d14	12.980	244	1521984	70.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	201548	36.678	ng		98
3) Pyridine	3.493	79	481416	36.723	ng		99
4) n-Nitrosodimethylamine	3.451	42	368247	45.026	ng		98
6) Aniline	6.540	93	447527	29.181	ng		98
8) 2-Chlorophenol	6.663	128	582161	46.484	ng		98
9) Benzaldehyde	6.434	77	694241	71.573	ng		99
10) Phenol	6.534	94	731991	43.719	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	583600	44.380	ng		99
12) 1,3-Dichlorobenzene	6.816	146	576368	40.187	ng		99
13) 1,4-Dichlorobenzene	6.892	146	580806	40.388	ng		98
14) 1,2-Dichlorobenzene	7.045	146	564345	42.509	ng		98
15) Benzyl Alcohol	7.022	79	526108	46.739	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1156117	43.587	ng		98
17) 2-Methylphenol	7.134	107	454375	43.776	ng		99
18) Hexachloroethane	7.387	117	212610	40.989	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	410933	41.478	ng		98
20) 3+4-Methylphenols	7.287	107	528875	43.854	ng		99
22) Acetophenone	7.287	105	736807	41.438	ng	#	98
24) Nitrobenzene	7.457	77	635737	41.427	ng		99
25) Isophorone	7.698	82	1186306	42.642	ng		99
26) 2-Nitrophenol	7.775	139	307110	46.397	ng		97
27) 2,4-Dimethylphenol	7.810	122	409519	48.341	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	712163	42.529	ng		99
29) 2,4-Dichlorophenol	8.016	162	466627	42.886	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	501330	39.628	ng		99
31) Naphthalene	8.181	128	1629896	41.136	ng		100
32) Benzoic acid	7.951	122	351195	45.581	ng		99
33) 4-Chloroaniline	8.228	127	318238	22.998	ng		97
34) Hexachlorobutadiene	8.292	225	284694	37.482	ng		99
35) Caprolactam	8.604	113	160810m	46.804	ng		
36) 4-Chloro-3-methylphenol	8.716	107	504138	43.499	ng		99
37) 2-Methylnaphthalene	8.869	142	1051045	41.044	ng		100
38) 1-Methylnaphthalene	8.969	142	974472	39.239	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	464102	39.797	ng		99
41) Hexachlorocyclopentadiene	9.022	237	365146	106.373	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	314450	42.375	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	336329	41.675	ng	98
46) 1,1'-Biphenyl	9.333	154	1288090	40.917	ng	99
47) 2-Chloronaphthalene	9.363	162	972719	40.526	ng	100
48) 2-Nitroaniline	9.457	65	363498	46.949	ng	96
49) Acenaphthylene	9.775	152	1509702	44.724	ng	99
50) Dimethylphthalate	9.639	163	1159374	42.787	ng	99
51) 2,6-Dinitrotoluene	9.698	165	261741	43.130	ng	99
52) Acenaphthene	9.945	154	1048334m	45.355	ng	
53) 3-Nitroaniline	9.869	138	183429	30.604	ng	95
54) 2,4-Dinitrophenol	9.975	184	246478	94.236	ng	99
55) Dibenzofuran	10.122	168	1339906	42.074	ng	99
56) 4-Nitrophenol	10.039	139	369997	95.210	ng	90
57) 2,4-Dinitrotoluene	10.104	165	336733	45.065	ng	94
58) Fluorene	10.463	166	992662	39.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	275592	45.976	ng	99
60) Diethylphthalate	10.333	149	1075311	42.446	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	494730	38.533	ng	98
62) 4-Nitroaniline	10.486	138	244138	44.378	ng	96
63) Azobenzene	10.610	77	1187330	44.379	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	179141	48.288	ng	87
66) n-Nitrosodiphenylamine	10.575	169	899999	41.876	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	302885	40.703	ng	99
68) Hexachlorobenzene	11.004	284	324156	39.522	ng	98
69) Atrazine	11.098	200	258651	42.923	ng	100
70) Pentachlorophenol	11.204	266	356600	85.664	ng	99
71) Phenanthrene	11.422	178	1446792	42.803	ng	100
72) Anthracene	11.475	178	1446884	42.923	ng	99
73) Carbazole	11.627	167	1187183	42.422	ng	99
74) Di-n-butylphthalate	11.957	149	1505556	42.451	ng	100
75) Fluoranthene	12.604	202	1230333	40.601	ng	96
77) Benzidine	12.727	184	95469	40.279	ng	98
78) Pyrene	12.833	202	1193021	37.658	ng	99
80) Butylbenzylphthalate	13.451	149	393475	40.817	ng	99
81) Benzo(a)anthracene	14.021	228	831839	43.601	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	216552	38.445	ng	99
83) Chrysene	14.057	228	816415	43.977	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	526440	43.546	ng	99
85) Di-n-octyl phthalate	14.621	149	1048895	49.568	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	847319	47.598	ng	98
88) Benzo(b)fluoranthene	15.068	252	878370	45.187	ng	98
89) Benzo(k)fluoranthene	15.098	252	905994	50.602	ng	98
90) Benzo(a)pyrene	15.439	252	844098	49.542	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	683201	47.546	ng	99
92) Benzo(g,h,i)perylene	17.415	276	626084	44.539	ng	96

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

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