Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060405.D
Acq On : 23 Jan 2024 15:50
Operator : MA/JU
Sample : IDOC-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 16:26:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-04

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	186474	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	836058	20.000	ng		0.00
39) Acenaphthene-d10	14.564	164	659092	20.000	ng		0.00
64) Phenanthrene-d10	17.314	188	1714259	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1514970	20.000	ng		0.00
86) Perylene-d12	24.741	264	1631047	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1581095	139.460	ng		0.00
7) Phenol-d6	7.097	99	2207145	131.473	ng		0.00
23) Nitrobenzene-d5	9.094	82	1490820	84.201	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1392327	143.581	ng		0.00
45) 2-Fluorobiphenyl	13.190	172	3767241	79.468	ng		0.00
79) Terphenyl-d14	19.935	244	5476162	95.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	184056	35.540	ng		98
3) Pyridine	3.795	79	502983	34.424	ng		94
4) n-Nitrosodimethylamine	3.712	42	213538	46.696	ng		99
6) Aniline	7.255	93	685205	40.834	ng		100
8) 2-Chlorophenol	7.496	128	567639	50.521	ng		93
10) Phenol	7.126	94	832067	49.434	ng		98
11) bis(2-Chloroethyl)ether	7.349	93	624157	45.507	ng		96
12) 1,3-Dichlorobenzene	7.819	146	596488	42.295	ng		98
13) 1,4-Dichlorobenzene	7.966	146	618188	43.202	ng		98
14) 1,2-Dichlorobenzene	8.283	146	634256	43.107	ng		99
15) Benzyl Alcohol	8.166	79	565649	52.051	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.454	45	755913	45.408	ng		99
17) 2-Methylphenol	8.372	107	595591	51.517	ng		97
18) Hexachloroethane	9.006	117	218101	43.472	ng		97
19) n-Nitroso-di-n-propyla...	8.730	70	527599	45.408	ng		96
20) 3+4-Methylphenols	8.701	107	825454	52.956	ng		95
22) Acetophenone	8.754	105	1002556	43.624	ng	#	98
24) Nitrobenzene	9.135	77	757934	41.295	ng		93
25) Isophorone	9.652	82	1511564	42.511	ng		96
26) 2-Nitrophenol	9.840	139	339881	50.364	ng		96
27) 2,4-Dimethylphenol	9.905	122	621853	69.736	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	936798	43.120	ng		98
29) 2,4-Dichlorophenol	10.381	162	716886	49.610	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	740224	41.175	ng		95
31) Naphthalene	10.781	128	1863978	42.532	ng		99
32) Benzoic acid	10.052	122	378974	48.098	ng		94
33) 4-Chloroaniline	10.892	127	422466	25.018	ng		98
34) Hexachlorobutadiene	11.063	225	478796	40.884	ng		95
35) Caprolactam	11.668	113	260575m	55.986	ng		
36) 4-Chloro-3-methylphenol	12.020	107	765776	52.164	ng		97
37) 2-Methylnaphthalene	12.390	142	1451240	44.649	ng		99
38) 1-Methylnaphthalene	12.608	142	1355824	41.540	ng		100
40) 1,2,4,5-Tetrachloroben...	12.755	216	978500	41.802	ng		98
41) Hexachlorocyclopentadiene	12.737	237	1108351	142.616	ng		99
43) 2,4,6-Trichlorophenol	13.001	196	694659	46.632	ng		99
44) 2,4,5-Trichlorophenol	13.078	196	794472	48.353	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.401	154	2099276	42.196	ng		99
47) 2-Chloronaphthalene	13.442	162	1744624	40.933	ng		99
48) 2-Nitroaniline	13.648	65	535848	50.484	ng		95
49) Acenaphthylene	14.288	152	2721887	46.376	ng		99
50) Dimethylphthalate	14.024	163	2295848	45.583	ng		99
51) 2,6-Dinitrotoluene	14.141	165	523250	48.687	ng		96
52) Acenaphthene	14.629	154	1623451	44.422	ng		100
53) 3-Nitroaniline	14.476	138	347052	35.439	ng		95
54) 2,4-Dinitrophenol	14.682	184	656646	98.542	ng		98
55) Dibenzofuran	14.964	168	2759463	45.231	ng		97
56) 4-Nitrophenol	14.794	139	826721	113.815	ng		96
57) 2,4-Dinitrotoluene	14.929	165	766801	52.030	ng		94
58) Fluorene	15.616	166	2278982	45.109	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.193	232	745575	53.437	ng		99
60) Diethylphthalate	15.387	149	2303646	47.642	ng		98
61) 4-Chlorophenyl-phenyle...	15.604	204	1250692	44.938	ng		98
62) 4-Nitroaniline	15.645	138	513923	49.308	ng		95
63) Azobenzene	15.898	77	2170126	44.373	ng		99
65) 4,6-Dinitro-2-methylph...	15.692	198	501635	52.895	ng		96
66) n-Nitrosodiphenylamine	15.822	169	2110602	46.369	ng		98
67) 4-Bromophenyl-phenylether	16.503	248	854063	45.341	ng		98
68) Hexachlorobenzene	16.621	284	960051	43.058	ng		98
69) Atrazine	16.768	200	662760	38.615	ng		99
70) Pentachlorophenol	16.967	266	1120217	93.209	ng		94
71) Phenanthrene	17.355	178	3731285	45.031	ng		99
72) Anthracene	17.449	178	3799132	45.924	ng		99
73) Carbazole	17.719	167	3452621	44.270	ng		99
74) Di-n-butylphthalate	18.272	149	3652101	45.511	ng		100
75) Fluoranthene	19.370	202	4190441	42.106	ng		99
77) Benzidine	19.553	184	1133109	34.427	ng		98
78) Pyrene	19.735	202	4307761	44.527	ng		97
80) Butylbenzylphthalate	20.616	149	1725733	51.848	ng		98
81) Benzo(a)anthracene	21.556	228	4260249	45.424	ng		100
82) 3,3'-Dichlorobenzidine	21.474	252	1422939	39.617	ng		99
83) Chrysene	21.627	228	4066721	44.088	ng		98
84) Bis(2-ethylhexyl)phtha...	21.462	149	2476688	49.242	ng		96
85) Di-n-octyl phthalate	22.649	149	4129403	50.664	ng		99
87) Indeno(1,2,3-cd)pyrene	28.354	276	5453382	48.086	ng	#	94
88) Benzo(b)fluoranthene	23.736	252	4616603	47.912	ng		98
89) Benzo(k)fluoranthene	23.801	252	4469502	47.006	ng		99
90) Benzo(a)pyrene	24.594	252	4117578	47.305	ng		98
91) Dibenzo(a,h)anthracene	28.419	278	4487235	48.449	ng		99
92) Benzo(g,h,i)perylene	29.488	276	4430479	46.674	ng		98

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

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