Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060932.D
Acq On : 18 Apr 2024 11:42
Operator : MA/JU
Sample : PB160246BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 18 12:24:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160246BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	44341	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	181770	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	158809	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	403569	20.000	ng		0.00
76) Chrysene-d12	21.578	240	389228	20.000	ng		0.00
86) Perylene-d12	24.692	264	455165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	365200	143.060	ng		0.00
7) Phenol-d6	7.106	99	522344	142.039	ng		0.00
23) Nitrobenzene-d5	9.092	82	337530	84.299	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	334532	127.510	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	888504	82.101	ng		0.00
79) Terphenyl-d14	19.939	244	1885050	84.523	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	37857	36.685	ng		94
3) Pyridine	3.828	79	104887	31.946	ng		95
4) n-Nitrosodimethylamine	3.746	42	87997	42.001	ng		98
6) Aniline	7.265	93	123651	27.597	ng		99
8) 2-Chlorophenol	7.506	128	150799	51.925	ng		98
9) Benzaldehyde	7.077	77	8023	4.062	ng		97
10) Phenol	7.136	94	198497	53.858	ng		98
11) bis(2-Chloroethyl)ether	7.359	93	130822	45.762	ng		98
12) 1,3-Dichlorobenzene	7.829	146	148015	47.968	ng		98
13) 1,4-Dichlorobenzene	7.976	146	149836	47.432	ng		99
14) 1,2-Dichlorobenzene	8.293	146	143102	46.586	ng		97
15) Benzyl Alcohol	8.176	79	147176	46.524	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	311883	45.143	ng		99
17) 2-Methylphenol	8.381	107	133956	46.000	ng		94
18) Hexachloroethane	9.022	117	53818	47.979	ng		96
19) n-Nitroso-di-n-propyla...	8.740	70	120347	42.964	ng		94
20) 3+4-Methylphenols	8.705	107	185245	45.852	ng		97
22) Acetophenone	8.757	105	230414	44.513	ng	#	99
24) Nitrobenzene	9.134	77	173768	44.221	ng		99
25) Isophorone	9.662	82	318253	43.072	ng		98
26) 2-Nitrophenol	9.844	139	78835	47.755	ng		97
27) 2,4-Dimethylphenol	9.909	122	112331	38.621	ng		96
28) bis(2-Chloroethoxy)met...	10.144	93	184281	44.355	ng		98
29) 2,4-Dichlorophenol	10.385	162	150102	47.565	ng		96
30) 1,2,4-Trichlorobenzene	10.597	180	154317	45.620	ng		96
31) Naphthalene	10.785	128	439409	44.698	ng		98
32) Benzoic acid	10.044	122	107873	45.818	ng		100
33) 4-Chloroaniline	10.890	127	82270	17.857	ng		95
34) Hexachlorobutadiene	11.078	225	108648	45.181	ng		98
35) Caprolactam	11.654	113	54622m	46.912	ng		
36) 4-Chloro-3-methylphenol	12.018	107	180554	47.338	ng		97
37) 2-Methylnaphthalene	12.394	142	323573	43.509	ng		99
38) 1-Methylnaphthalene	12.612	142	302256	43.052	ng		100
40) 1,2,4,5-Tetrachloroben...	12.765	216	216249	44.128	ng		99
41) Hexachlorocyclopentadiene	12.747	237	251216	100.254	ng		99
43) 2,4,6-Trichlorophenol	13.000	196	157359	46.177	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	175910	42.804	ng	98
46) 1,1'-Biphenyl	13.405	154	479686	44.423	ng	97
47) 2-Chloronaphthalene	13.446	162	380233	46.008	ng	98
48) 2-Nitroaniline	13.640	65	155539	45.863	ng	96
49) Acenaphthylene	14.292	152	656686	46.990	ng	99
50) Dimethylphthalate	14.028	163	557678	44.253	ng	99
51) 2,6-Dinitrotoluene	14.139	165	117190	45.626	ng	99
52) Acenaphthene	14.633	154	367090	43.312	ng	100
53) 3-Nitroaniline	14.468	138	77447	27.468	ng	98
54) 2,4-Dinitrophenol	14.680	184	155403	93.708	ng	99
55) Dibenzofuran	14.968	168	624090	43.590	ng	99
56) 4-Nitrophenol	14.786	139	216489	100.285	ng	92
57) 2,4-Dinitrotoluene	14.933	165	179989	49.039	ng	95
58) Fluorene	15.620	166	522749	44.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	176317	46.702	ng	98
60) Diethylphthalate	15.397	149	564239	44.701	ng	100
61) 4-Chlorophenyl-phenyle...	15.614	204	282913	42.976	ng	99
62) 4-Nitroaniline	15.632	138	131028	43.220	ng	96
63) Azobenzene	15.908	77	530272	44.574	ng	99
65) 4,6-Dinitro-2-methylph...	15.696	198	114723	50.953	ng	96
66) n-Nitrosodiphenylamine	15.826	169	500067	45.139	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	202200	44.725	ng	97
68) Hexachlorobenzene	16.625	284	233907	47.548	ng	98
69) Atrazine	16.783	200	204142	51.272	ng	96
70) Pentachlorophenol	16.966	266	318413	95.575	ng	99
71) Phenanthrene	17.359	178	940469	46.040	ng	98
72) Anthracene	17.447	178	965847	46.030	ng	99
73) Carbazole	17.718	167	863227	47.219	ng	100
74) Di-n-butylphthalate	18.293	149	1018313	46.267	ng	100
75) Fluoranthene	19.369	202	1184229	45.546	ng	99
77) Benzidine	19.551	184	327943	38.198	ng	99
78) Pyrene	19.733	202	1236833	46.322	ng	100
80) Butylbenzylphthalate	20.632	149	445787	45.456	ng	99
81) Benzo(a)anthracene	21.554	228	1297043	47.191	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	323723	33.074	ng	99
83) Chrysene	21.619	228	1217412	46.390	ng	100
84) Bis(2-ethylhexyl)phtha...	21.490	149	653511	45.065	ng	99
85) Di-n-octyl phthalate	22.676	149	1140974	45.599	ng	100
87) Indeno(1,2,3-cd)pyrene	28.241	276	1548747	49.205	ng	99
88) Benzo(b)fluoranthene	23.711	252	1268605	49.261	ng	99
89) Benzo(k)fluoranthene	23.781	252	1262711	47.929	ng	98
90) Benzo(a)pyrene	24.551	252	1183202	46.600	ng	99
91) Dibenzo(a,h)anthracene	28.317	278	1262044	48.711	ng	97
92) Benzo(g,h,i)perylene	29.345	276	1184809	46.776	ng	98

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

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