Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057490.D
Acq On : 22 May 2023 12:26
Operator : CG/JU
Sample : PB152920BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 22 13:09:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152920BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	20400	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	84463	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	68130	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	172885	20.000	ng	0.00
76) Chrysene-d12	22.027	240	146724	20.000	ng	0.00
86) Perylene-d12	25.534	264	162198	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	132520	111.123	ng	0.00
7) Phenol-d6	7.506	99	194169	107.220	ng	0.00
23) Nitrobenzene-d5	9.544	82	120969	60.111	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	104678	108.285	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	317738	62.811	ng	0.00
79) Terphenyl-d14	20.288	244	576495	64.120	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.670	88	15946	32.339	ng	99
3) Pyridine	4.093	79	42361	26.732	ng	94
4) n-Nitrosodimethylamine	4.004	42	24398	32.763	ng	85
6) Aniline	7.676	93	80679	35.118	ng	96
8) 2-Chlorophenol	7.923	128	58125	46.126	ng	99
9) Benzaldehyde	7.488	77	33950	34.367	ng	95
10) Phenol	7.535	94	78039	44.206	ng	99
11) bis(2-Chloroethyl)ether	7.764	93	52430	39.386	ng	98
12) 1,3-Dichlorobenzene	8.252	146	59330	42.659	ng	95
13) 1,4-Dichlorobenzene	8.398	146	60837	43.547	ng	99
14) 1,2-Dichlorobenzene	8.722	146	58949	43.710	ng	98
15) Benzyl Alcohol	8.598	79	60922	40.382	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.880	45	66071	39.379	ng	98
17) 2-Methylphenol	8.804	107	54183	42.578	ng	99
18) Hexachloroethane	9.462	117	21843	43.326	ng	95
19) n-Nitroso-di-n-propyla...	9.162	70	50728	36.736	ng	98
20) 3+4-Methylphenols	9.133	107	75781	43.490	ng	95
22) Acetophenone	9.191	105	93739	38.776	ng	94
24) Nitrobenzene	9.585	77	75785	37.311	ng	94
25) Isophorone	10.102	82	140991	36.130	ng	99
26) 2-Nitrophenol	10.302	139	34176	43.957	ng	95
27) 2,4-Dimethylphenol	10.349	122	61962	45.513	ng	100
28) bis(2-Chloroethoxy)met...	10.578	93	77102	39.439	ng	98
29) 2,4-Dichlorophenol	10.848	162	67311	46.616	ng	94
30) 1,2,4-Trichlorobenzene	11.060	180	68905	41.373	ng	98
31) Naphthalene	11.253	128	180956	40.074	ng	99
32) Benzoic acid	10.507	122	32979m	42.598	ng	
33) 4-Chloroaniline	11.353	127	61906	30.528	ng	95
34) Hexachlorobutadiene	11.524	225	50109	40.548	ng	96
35) Caprolactam	12.129	113	21231m	43.044	ng	
36) 4-Chloro-3-methylphenol	12.458	107	74044	45.124	ng	96
37) 2-Methylnaphthalene	12.834	142	140576	39.596	ng	96
38) 1-Methylnaphthalene	13.045	142	132254	39.522	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	98139	40.575	ng	100
41) Hexachlorocyclopentadiene	13.163	237	89045	76.861	ng	98
43) 2,4,6-Trichlorophenol	13.427	196	63739	43.256	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.509	196	69002	39.809	ng	98
46) 1,1'-Biphenyl	13.815	154	203868	40.326	ng	98
47) 2-Chloronaphthalene	13.868	162	153899	40.937	ng	99
48) 2-Nitroaniline	14.067	65	50887	39.810	ng	97
49) Acenaphthylene	14.708	152	246842	40.416	ng	99
50) Dimethylphthalate	14.420	163	216410	38.654	ng	98
51) 2,6-Dinitrotoluene	14.549	165	47916	41.918	ng	87
52) Acenaphthene	15.042	154	150500	39.434	ng	99
53) 3-Nitroaniline	14.884	138	37163	32.452	ng	92
54) 2,4-Dinitrophenol	15.101	184	58146	82.007	ng	96
55) Dibenzofuran	15.371	168	257148	40.101	ng	99
56) 4-Nitrophenol	15.195	139	66758	87.649	ng	86
57) 2,4-Dinitrotoluene	15.336	165	68764	42.092	ng	96
58) Fluorene	16.023	166	213863	40.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.600	232	70258	44.709	ng	97
60) Diethylphthalate	15.759	149	219810	38.661	ng	99
61) 4-Chlorophenyl-phenyle...	16.000	204	126522	39.762	ng	96
62) 4-Nitroaniline	16.047	138	46622	40.356	ng	89
63) Azobenzene	16.294	77	200999	36.640	ng	95
65) 4,6-Dinitro-2-methylph...	16.106	198	46380	44.934	ng	95
66) n-Nitrosodiphenylamine	16.211	169	189153	40.283	ng	100
67) 4-Bromophenyl-phenylether	16.893	248	84740	40.152	ng	99
68) Hexachlorobenzene	17.028	284	90040	43.902	ng	94
69) Atrazine	17.145	200	84084	46.943	ng	99
70) Pentachlorophenol	17.375	266	113262	95.824	ng	97
71) Phenanthrene	17.762	178	358790	40.500	ng	100
72) Anthracene	17.850	178	367514	40.430	ng	98
73) Carbazole	18.121	167	318698	41.646	ng	99
74) Di-n-butylphthalate	18.632	149	360212	40.911	ng	98
75) Fluoranthene	19.754	202	428219	38.865	ng	99
77) Benzidine	19.918	184	244439	74.519	ng	100
78) Pyrene	20.112	202	428963	40.233	ng	99
80) Butylbenzylphthalate	20.958	149	149833	44.291	ng	97
81) Benzo(a)anthracene	22.009	228	414967	39.696	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	118789	35.477	ng	99
83) Chrysene	22.080	228	376463	38.275	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	212137	42.383	ng	99
85) Di-n-octyl phthalate	23.143	149	358483	42.961	ng	98
87) Indeno(1,2,3-cd)pyrene	29.599	276	465087	39.344	ng	100
88) Benzo(b)fluoranthene	24.412	252	412064	38.864	ng	99
89) Benzo(k)fluoranthene	24.483	252	402819	37.387	ng	100
90) Benzo(a)pyrene	25.370	252	365578	35.292	ng	97
91) Dibenzo(a,h)anthracene	29.652	278	388555	39.469	ng	98
92) Benzo(g,h,i)perylene	30.874	276	371698	38.668	ng	99

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

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