Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
Data File : BG057589.D
Acq On : 26 May 2023 18:24
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 26 23:33:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:28:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.351	152	15806	20.000	ng		0.00
21) Naphthalene-d8	11.188	136	64780	20.000	ng	#	0.00
39) Acenaphthene-d10	14.965	164	50233	20.000	ng		0.00
64) Phenanthrene-d10	17.709	188	139371	20.000	ng		0.00
76) Chrysene-d12	22.020	240	136810	20.000	ng		0.00
86) Perylene-d12	25.527	264	147420	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.872	112	18563	20.403	ng		0.00
7) Phenol-d6	7.499	99	28495	20.013	ng		0.00
23) Nitrobenzene-d5	9.531	82	28062	20.250	ng		0.00
42) 2,4,6-Tribromophenol	16.451	330	15983	19.873	ng		0.00
45) 2-Fluorobiphenyl	13.591	172	72792	20.825	ng		0.00
79) Terphenyl-d14	20.276	244	164596	20.840	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.663	88	4146	10.999	ng		93
3) Pyridine	4.098	79	11638	10.095	ng	#	94
4) n-Nitrosodimethylamine	4.004	42	4652	9.977	ng	#	94
6) Aniline	7.663	93	17322	10.056	ng		95
8) 2-Chlorophenol	7.910	128	9726	9.958	ng		90
9) Benzaldehyde	7.475	77	10151	10.761	ng	#	80
10) Phenol	7.522	94	13612	10.101	ng		96
11) bis(2-Chloroethyl)ether	7.746	93	10361	10.297	ng		98
12) 1,3-Dichlorobenzene	8.233	146	10547	10.136	ng		94
13) 1,4-Dichlorobenzene	8.386	146	11044	10.432	ng		95
14) 1,2-Dichlorobenzene	8.709	146	10866	10.523	ng		96
15) Benzyl Alcohol	8.591	79	11107	10.141	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.862	45	13148	10.523	ng		97
17) 2-Methylphenol	8.791	107	9514	9.614	ng		97
18) Hexachloroethane	9.443	117	3817	10.530	ng		92
19) n-Nitroso-di-n-propyla...	9.144	70	9629	9.734	ng		97
20) 3+4-Methylphenols	9.120	107	13638	9.817	ng		93
22) Acetophenone	9.179	105	17678	10.205	ng		96
24) Nitrobenzene	9.572	77	13979	9.938	ng		92
25) Isophorone	10.089	82	27429	10.070	ng		98
26) 2-Nitrophenol	10.295	139	5531	9.170	ng		96
27) 2,4-Dimethylphenol	10.342	122	10373	9.948	ng		97
28) bis(2-Chloroethoxy)met...	10.565	93	14421	10.210	ng		98
29) 2,4-Dichlorophenol	10.847	162	10384	9.481	ng		92
30) 1,2,4-Trichlorobenzene	11.047	180	12364	10.358	ng		96
31) Naphthalene	11.235	128	35019	10.219	ng		99
32) Benzoic acid	10.512	122	3328m	11.348	ng		
33) 4-Chloroaniline	11.352	127	15581	9.887	ng		96
34) Hexachlorobutadiene	11.505	225	8501	10.297	ng		86
35) Caprolactam	12.104	113	4423	9.742	ng		97
36) 4-Chloro-3-methylphenol	12.451	107	12417	9.578	ng		91
37) 2-Methylnaphthalene	12.821	142	27411	10.192	ng		97
38) 1-Methylnaphthalene	13.038	142	25618	10.004	ng		99
40) 1,2,4,5-Tetrachloroben...	13.179	216	16835	10.210	ng		99
41) Hexachlorocyclopentadiene	13.156	237	291	11.093	ng		94
43) 2,4,6-Trichlorophenol	13.420	196	10164	9.792	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.508	196	11868	9.600	ng		93
46)	1,1'-Biphenyl	13.802	154	37021	10.312	ng		99
47)	2-Chloronaphthalene	13.855	162	27634	10.219	ng		95
48)	2-Nitroaniline	14.060	65	9149	9.659	ng		94
49)	Acenaphthylene	14.695	152	45561	9.949	ng		97
50)	Dimethylphthalate	14.401	163	42505	10.267	ng		99
51)	2,6-Dinitrotoluene	14.536	165	8606	9.711	ng		93
52)	Acenaphthene	15.030	154	27841	9.936	ng		98
53)	3-Nitroaniline	14.877	138	9382	10.149	ng		98
54)	2,4-Dinitrophenol	15.118	184	2253	11.547	ng		96
55)	Dibenzofuran	15.359	168	48033	10.032	ng		99
56)	4-Nitrophenol	15.206	139	4954	8.044	ng		96
57)	2,4-Dinitrotoluene	15.329	165	12837	9.674	ng	#	99
58)	Fluorene	16.011	166	41291	10.214	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.594	232	11284	9.743	ng	#	95
60)	Diethylphthalate	15.746	149	43903	10.160	ng		97
61)	4-Chlorophenyl-phenyle...	15.987	204	22821	10.129	ng		97
62)	4-Nitroaniline	16.028	138	9890	9.918	ng		90
63)	Azobenzene	16.275	77	38514	10.022	ng		98
65)	4,6-Dinitro-2-methylph...	16.099	198	6937	8.175	ng		96
66)	n-Nitrosodiphenylamine	16.199	169	36264	10.011	ng		96
67)	4-Bromophenyl-phenylether	16.880	248	15728	10.060	ng		97
68)	Hexachlorobenzene	17.015	284	15798	9.803	ng		94
69)	Atrazine	17.133	200	15783	10.148	ng		89
70)	Pentachlorophenol	17.380	266	6160m	7.502	ng		
71)	Phenanthrene	17.750	178	73618	10.322	ng		99
72)	Anthracene	17.844	178	75439	10.311	ng		98
73)	Carbazole	18.108	167	67548	10.320	ng		99
74)	Di-n-butylphthalate	18.625	149	80452	10.354	ng		98
75)	Fluoranthene	19.741	202	98244	10.611	ng		99
77)	Benzidine	19.911	184	42848	10.350	ng		95
78)	Pyrene	20.105	202	100268	10.293	ng		99
80)	Butylbenzylphthalate	20.951	149	36683	10.340	ng		95
81)	Benzo(a)anthracene	21.997	228	96454	10.162	ng		99
82)	3,3'-Dichlorobenzidine	21.891	252	35569	10.162	ng		100
83)	Chrysene	22.067	228	92682	10.333	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.838	149	51546	10.186	ng		99
85)	Di-n-octyl phthalate	23.131	149	84463	10.069	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.569	276	103186	10.039	ng	#	95
88)	Benzo(b)fluoranthene	24.399	252	91369	10.069	ng		99
89)	Benzo(k)fluoranthene	24.470	252	96676	10.557	ng		97
90)	Benzo(a)pyrene	25.351	252	89424	10.105	ng		99
91)	Dibenzo(a,h)anthracene	29.616	278	86121	10.068	ng	#	96
92)	Benzo(g,h,i)perylene	30.844	276	84881	10.175	ng		96

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

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