Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
Data File : BG057133.D
Acq On : 18 Apr 2023 20:28
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 04:14:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 03:30:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.396	152	10278	20.000	ng		0.00
21) Naphthalene-d8	11.239	136	63851	20.000	ng		0.00
39) Acenaphthene-d10	15.010	164	42566	20.000	ng		0.00
64) Phenanthrene-d10	17.748	188	98663	20.000	ng	#	0.00
76) Chrysene-d12	22.071	240	83511	20.000	ng		0.00
86) Perylene-d12	25.596	264	88857	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.905	112	87954	145.744	ng		0.00
7) Phenol-d6	7.538	99	132816	148.882	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	16.497	330	108073	149.656	ng		0.00
45) 2-Fluorobiphenyl	13.642	172	501018	155.072	ng		0.00
79) Terphenyl-d14	20.321	244	827740	149.952	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.714	88	29636	80.644	ng		98
3) Pyridine	4.137	79	53045m	70.123	ng		
4) n-Nitrosodimethylamine	4.043	42	28851	76.247	ng	#	81
6) Aniline	7.708	93	84571	75.430	ng		99
8) 2-Chlorophenol	7.955	128	47472	77.752	ng		98
10) Phenol	7.562	94	67018	77.514	ng		95
11) bis(2-Chloroethyl)ether	7.797	93	46332	77.484	ng		90
12) 1,3-Dichlorobenzene	8.284	146	51537	73.006	ng		98
13) 1,4-Dichlorobenzene	8.431	146	53109	73.036	ng		99
14) 1,2-Dichlorobenzene	8.760	146	52004	70.261	ng		99
15) Benzyl Alcohol	8.637	79	56779	73.041	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.913	45	52806m	59.112	ng		
17) 2-Methylphenol	8.830	107	49887	65.752	ng	#	94
18) Hexachloroethane	9.500	117	19288	64.572	ng		86
19) n-Nitroso-di-n-propyla...	9.206	70	47388	59.196	ng	#	89
20) 3+4-Methylphenols	9.165	107	69173	63.712	ng		98
29) 2,4-Dichlorophenol	10.875	162	73640	69.042	ng		97
30) 1,2,4-Trichlorobenzene	11.098	180	91244	76.738	ng		98
31) Naphthalene	11.292	128	261738	77.061	ng		99
32) Benzoic acid	10.552	122	34895m	71.414	ng		
33) 4-Chloroaniline	11.386	127	119064	77.298	ng		97
34) Hexachlorobutadiene	11.562	225	64731	74.840	ng		98
35) Caprolactam	12.179	113	27980	76.679	ng		98
36) 4-Chloro-3-methylphenol	12.484	107	91768	74.721	ng		99
37) 2-Methylnaphthalene	12.866	142	198926	76.891	ng		98
38) 1-Methylnaphthalene	13.084	142	185150	74.947	ng		99
40) 1,2,4,5-Tetrachloroben...	13.224	216	118640	82.808	ng		98
43) 2,4,6-Trichlorophenol	13.459	196	74802	79.260	ng		88
44) 2,4,5-Trichlorophenol	13.536	196	88974	80.696	ng		97
46) 1,1'-Biphenyl	13.853	154	256780	77.133	ng		99
47) 2-Chloronaphthalene	13.906	162	192858	80.602	ng		97
48) 2-Nitroaniline	14.100	65	67087	83.005	ng		98
49) Acenaphthylene	14.740	152	310531	80.470	ng		99
50) Dimethylphthalate	14.452	163	262053	76.139	ng		98
51) 2,6-Dinitrotoluene	14.581	165	57210	78.307	ng		96
52) Acenaphthene	15.081	154	187931	76.599	ng		99

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53) 3-Nitroaniline	14.916	138	58824	78.423	ng		90
54) 2,4-Dinitrophenol	15.116	184	37075	90.640	ng		97
55) Dibenzofuran	15.410	168	307775	78.000	ng		97
56) 4-Nitrophenol	15.204	139	42845	85.775	ng		98
57) 2,4-Dinitrotoluene	15.363	165	81487	79.123	ng	#	99
58) Fluorene	16.056	166	251615	73.218	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.627	232	74484	81.605	ng	#	95
60) Diethylphthalate	15.797	149	263180	75.204	ng		98
61) 4-Chlorophenyl-phenyle...	16.032	204	145773	73.384	ng		97
62) 4-Nitroaniline	16.074	138	59823	79.233	ng		95
63) Azobenzene	16.326	77	259727	80.339	ng		97
65) 4,6-Dinitro-2-methylph...	16.126	198	54723	81.883	ng		97
66) n-Nitrosodiphenylamine	16.244	169	218756	74.657	ng		98
67) 4-Bromophenyl-phenylether	16.925	248	94040	75.241	ng		98
68) Hexachlorobenzene	17.060	284	99310	74.485	ng		97
69) Atrazine	17.178	200	78905	71.659	ng		100
70) Pentachlorophenol	17.395	266	61705	87.418	ng		93
71) Phenanthrene	17.795	178	393911	76.984	ng		100
72) Anthracene	17.889	178	402724	76.206	ng		99
73) Carbazole	18.147	167	347698	78.608	ng		99
74) Di-n-butylphthalate	18.670	149	376344	72.608	ng		98
75) Fluoranthene	19.780	202	472700	78.685	ng		97
77) Benzidine	19.945	184	136978	59.748	ng		98
78) Pyrene	20.145	202	470128	75.194	ng		99
80) Butylbenzylphthalate	20.996	149	182795	79.559	ng		95
81) Benzo(a)anthracene	22.048	228	459825	77.041	ng		99
82) 3,3'-Dichlorobenzidine	21.942	252	151657	74.845	ng		99
83) Chrysene	22.124	228	432269	78.409	ng		99
84) Bis(2-ethylhexyl)phtha...	21.895	149	255657	81.108	ng		99
85) Di-n-octyl phthalate	23.199	149	422136	79.377	ng		100
87) Indeno(1,2,3-cd)pyrene	29.702	276	526501	79.553	ng		99
88) Benzo(b)fluoranthene	24.468	252	443340	78.019	ng		99
89) Benzo(k)fluoranthene	24.544	252	452856	78.767	ng		99
90) Benzo(a)pyrene	25.437	252	434077	79.125	ng		95
91) Dibenzo(a,h)anthracene	29.755	278	440048	79.232	ng		100
92) Benzo(g,h,i)perylene	30.977	276	421687	79.536	ng		99

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

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