Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
Data File : BG054302.D
Acq On : 15 Jul 2022 14:44
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 15 15:17:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 14:17:51 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.002	152	28882	20.000	ng		0.00
21) Naphthalene-d8	10.811	136	106815	20.000	ng	#	0.00
39) Acenaphthene-d10	14.636	164	83884	20.000	ng		0.00
64) Phenanthrene-d10	17.380	188	228274	20.000	ng	#	0.00
76) Chrysene-d12	21.651	240	263389	20.000	ng	#	0.00
86) Perylene-d12	24.853	264	290553	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.570	112	204425	142.202	ng		0.00
7) Phenol-d6	7.180	99	289088	145.801	ng		0.00
23) Nitrobenzene-d5	9.172	82	300775	152.807	ng		0.00
42) 2,4,6-Tribromophenol	16.134	330	286671	176.422	ng		0.00
45) 2-Fluorobiphenyl	13.267	172	874722	153.220	ng		0.00
79) Terphenyl-d14	19.994	244	1752846	136.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	38411	61.097	ng		94
3) Pyridine	3.831	79	113778m	72.462	ng		
4) n-Nitrosodimethylamine	3.749	42	65595	82.690	ng	#	78
6) Aniline	7.333	93	165453	70.988	ng		98
8) 2-Chlorophenol	7.574	128	118223	73.373	ng		89
10) Phenol	7.203	94	143990	71.979	ng		92
11) bis(2-Chloroethyl)ether	7.421	93	104103	70.566	ng		91
12) 1,3-Dichlorobenzene	7.891	146	142916	73.049	ng		91
13) 1,4-Dichlorobenzene	8.038	146	146331	72.989	ng		98
14) 1,2-Dichlorobenzene	8.361	146	138165	71.770	ng		100
15) Benzyl Alcohol	8.249	79	124540	77.915	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.531	45	129037	62.990	ng		92
17) 2-Methylphenol	8.455	107	103756	72.593	ng		96
18) Hexachloroethane	9.089	117	50353	73.818	ng	#	65
19) n-Nitroso-di-n-propyla...	8.819	70	94349	69.701	ng	#	90
20) 3+4-Methylphenols	8.790	107	146701	73.151	ng		98
22) Acetophenone	8.831	105	194965	75.527	ng	#	99
24) Nitrobenzene	9.213	77	145647	75.268	ng	#	86
25) Isophorone	9.742	82	261624	73.475	ng	#	92
26) 2-Nitrophenol	9.924	139	77662	81.464	ng		89
27) 2,4-Dimethylphenol	9.988	122	103252	77.429	ng		91
28) bis(2-Chloroethoxy)met...	10.212	93	129562	71.480	ng	#	96
29) 2,4-Dichlorophenol	10.464	162	158067	81.786	ng		87
30) 1,2,4-Trichlorobenzene	10.676	180	191851	80.454	ng	#	95
31) Naphthalene	10.864	128	403477	75.116	ng		100
33) 4-Chloroaniline	10.975	127	169075	75.692	ng		94
34) Hexachlorobutadiene	11.146	225	168914	85.370	ng		97
35) Caprolactam	11.792	113	41629m	75.632	ng		
36) 4-Chloro-3-methylphenol	12.109	107	143683	77.272	ng	#	84
37) 2-Methylnaphthalene	12.468	142	311819	75.751	ng		99
38) 1-Methylnaphthalene	12.685	142	300748	75.253	ng		100
40) 1,2,4,5-Tetrachloroben...	12.838	216	282207	82.880	ng	#	95
43) 2,4,6-Trichlorophenol	13.079	196	163974	83.852	ng		96
44) 2,4,5-Trichlorophenol	13.155	196	184377	86.196	ng	#	92
46) 1,1'-Biphenyl	13.473	154	437111	77.489	ng		97
47) 2-Chloronaphthalene	13.520	162	365906	77.593	ng		96

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48) 2-Nitroaniline	13.719	65	101762	76.246	ng		89
49) Acenaphthylene	14.366	152	544898	76.168	ng		99
50) Dimethylphthalate	14.101	163	499019	75.767	ng	#	99
51) 2,6-Dinitrotoluene	14.219	165	112824	78.813	ng	#	78
52) Acenaphthene	14.706	154	337360	77.966	ng		97
53) 3-Nitroaniline	14.554	138	95675	75.398	ng		88
54) 2,4-Dinitrophenol	14.759	184	67954	101.244	ng	#	80
55) Dibenzofuran	15.041	168	572661	75.348	ng		95
56) 4-Nitrophenol	14.871	139	67627	82.957	ng		95
57) 2,4-Dinitrotoluene	15.012	165	163619	78.934	ng	#	83
58) Fluorene	15.688	166	475871	75.371	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.270	232	185116	86.404	ng	#	86
60) Diethylphthalate	15.458	149	479882	74.704	ng		95
61) 4-Chlorophenyl-phenyle...	15.676	204	318148	79.329	ng	#	88
62) 4-Nitroaniline	15.723	138	97877	73.850	ng		93
63) Azobenzene	15.970	77	346168	71.506	ng		83
65) 4,6-Dinitro-2-methylph...	15.776	198	118192	88.013	ng		78
66) n-Nitrosodiphenylamine	15.893	169	429327	74.565	ng		96
67) 4-Bromophenyl-phenylether	16.569	248	246023	80.805	ng	#	88
68) Hexachlorobenzene	16.698	284	279846	80.527	ng	#	90
69) Atrazine	16.839	200	174829	68.749	ng		93
70) Pentachlorophenol	17.039	266	127224	91.133	ng		94
71) Phenanthrene	17.427	178	828193	72.529	ng		96
72) Anthracene	17.521	178	802893	71.797	ng		99
73) Carbazole	17.785	167	668521	70.593	ng		98
74) Di-n-butylphthalate	18.337	149	787713	70.245	ng		98
75) Fluoranthene	19.436	202	1085904	69.927	ng		94
78) Pyrene	19.800	202	1084073	71.516	ng		96
80) Butylbenzylphthalate	20.676	149	362621	73.829	ng	#	85
81) Benzo(a)anthracene	21.634	228	1219366	73.185	ng		96
82) 3,3'-Dichlorobenzidine	21.540	252	353634	69.444	ng	#	96
83) Chrysene	21.698	228	1150639	73.018	ng		95
84) Bis(2-ethylhexyl)phtha...	21.528	149	514477	73.827	ng	#	90
85) Di-n-octyl phthalate	22.732	149	878251	73.206	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.549	276	1689166	77.278	ng		99
88) Benzo(b)fluoranthene	23.843	252	1271505	73.799	ng	#	97
89) Benzo(k)fluoranthene	23.913	252	1269922	74.296	ng	#	98
90) Benzo(a)pyrene	24.712	252	1107043	75.094	ng	#	99
91) Dibenzo(a,h)anthracene	28.614	278	1362848	76.109	ng	#	95
92) Benzo(g,h,i)perylene	29.706	276	1385419	77.569	ng	#	91

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

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