Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054166.D
Acq On : 30 Jun 2022 12:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 04:03:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.065	152	16918	20.000	ng		0.00
21) Naphthalene-d8	10.873	136	66803	20.000	ng	#	0.00
39) Acenaphthene-d10	14.692	164	55571	20.000	ng		0.00
64) Phenanthrene-d10	17.436	188	152911	20.000	ng	#	0.00
76) Chrysene-d12	21.714	240	182386	20.000	ng		0.00
86) Perylene-d12	24.963	264	191734	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.632	112	69429	78.462	ng		0.00
7) Phenol-d6	7.231	99	99592	82.966	ng		0.00
23) Nitrobenzene-d5	9.228	82	98509	82.868	ng		0.00
42) 2,4,6-Tribromophenol	16.179	330	84783	94.958	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	287969	75.353	ng		0.00
79) Terphenyl-d14	20.045	244	703770	77.717	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	13765	35.585	ng		98
3) Pyridine	3.917	79	38952	37.736	ng		95
4) n-Nitrosodimethylamine	3.829	42	19325	42.562	ng	#	93
6) Aniline	7.383	93	56715	39.850	ng		95
8) 2-Chlorophenol	7.630	128	38661	40.919	ng		93
9) Benzaldehyde	7.195	77	26069m	36.797	ng		
10) Phenol	7.254	94	49630	40.796	ng		97
11) bis(2-Chloroethyl)ether	7.477	93	36066	38.625	ng		95
12) 1,3-Dichlorobenzene	7.953	146	45851	38.729	ng		92
13) 1,4-Dichlorobenzene	8.100	146	47064	39.575	ng		98
14) 1,2-Dichlorobenzene	8.423	146	44175	38.695	ng		99
15) Benzyl Alcohol	8.300	79	39064	43.541	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.594	45	54392	38.966	ng		98
17) 2-Methylphenol	8.506	107	35184	41.633	ng		95
18) Hexachloroethane	9.152	117	16285	41.278	ng	#	73
19) n-Nitroso-di-n-propyla...	8.864	70	33911	42.049	ng		93
20) 3+4-Methylphenols	8.835	107	50583	42.680	ng		94
22) Acetophenone	8.887	105	64978	40.016	ng		94
24) Nitrobenzene	9.269	77	48772	41.664	ng	#	85
25) Isophorone	9.792	82	89827	40.460	ng	#	95
26) 2-Nitrophenol	9.980	139	23955	46.331	ng		87
27) 2,4-Dimethylphenol	10.039	122	34732	41.502	ng		88
28) bis(2-Chloroethoxy)met...	10.268	93	46572	38.939	ng		98
29) 2,4-Dichlorophenol	10.521	162	48415	43.149	ng		92
30) 1,2,4-Trichlorobenzene	10.738	180	56374	40.576	ng		96
31) Naphthalene	10.926	128	132765	39.368	ng		98
32) Benzoic acid	10.180	122	26242m	66.339	ng		
33) 4-Chloroaniline	11.026	127	58591	41.879	ng		95
34) Hexachlorobutadiene	11.214	225	44136	41.320	ng		96
35) Caprolactam	11.790	113	16106	52.142	ng		92
36) 4-Chloro-3-methylphenol	12.148	107	49654	45.523	ng		89
37) 2-Methylnaphthalene	12.524	142	101800	40.800	ng		97
38) 1-Methylnaphthalene	12.742	142	100546	41.386	ng		97
40) 1,2,4,5-Tetrachloroben...	12.895	216	81717	38.162	ng	#	95
41) Hexachlorocyclopentadiene	12.877	237	38156	38.268	ng		96
43) 2,4,6-Trichlorophenol	13.130	196	51569	42.874	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	56743	42.250	ng	#	93
46) 1,1'-Biphenyl	13.529	154	143839	37.160	ng		98
47) 2-Chloronaphthalene	13.570	162	120970	38.616	ng		95
48) 2-Nitroaniline	13.770	65	36855	44.227	ng	#	84
49) Acenaphthylene	14.416	152	188156	38.626	ng		100
50) Dimethylphthalate	14.140	163	172510	40.761	ng		99
51) 2,6-Dinitrotoluene	14.258	165	37601	43.974	ng	#	80
52) Acenaphthene	14.757	154	126132m	40.621	ng		
53) 3-Nitroaniline	14.593	138	36525	44.090	ng		85
54) 2,4-Dinitrophenol	14.798	184	21665	48.922	ng	#	77
55) Dibenzofuran	15.092	168	198853	39.748	ng		91
56) 4-Nitrophenol	14.904	139	27152	46.165	ng		92
57) 2,4-Dinitrotoluene	15.051	165	57103	47.285	ng	#	83
58) Fluorene	15.738	166	166901	40.632	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.315	232	60004	45.686	ng	#	89
60) Diethylphthalate	15.503	149	172687	42.133	ng		95
61) 4-Chlorophenyl-phenyle...	15.727	204	99653	40.524	ng		90
62) 4-Nitroaniline	15.756	138	38655	44.744	ng	#	78
63) Azobenzene	16.020	77	133388	40.431	ng		89
65) 4,6-Dinitro-2-methylph...	15.815	198	38787	50.843	ng		81
66) n-Nitrosodiphenylamine	15.938	169	151235	37.950	ng		98
67) 4-Bromophenyl-phenylether	16.620	248	75193	39.372	ng		93
68) Hexachlorobenzene	16.749	284	85730	39.243	ng	#	92
69) Atrazine	16.884	200	67850	41.100	ng		94
70) Pentachlorophenol	17.090	266	45738	45.072	ng		97
71) Phenanthrene	17.477	178	308701	39.294	ng		98
72) Anthracene	17.571	178	305614	39.837	ng		99
73) Carbazole	17.836	167	265392	40.303	ng		98
74) Di-n-butylphthalate	18.388	149	316123	41.521	ng	#	98
75) Fluoranthene	19.487	202	416628	40.398	ng		97
77) Benzidine	19.657	184	142881	37.829	ng		98
78) Pyrene	19.845	202	426822	38.747	ng		98
80) Butylbenzylphthalate	20.727	149	144132	40.821	ng		89
81) Benzo(a)anthracene	21.690	228	458189	38.799	ng		98
82) 3,3'-Dichlorobenzidine	21.602	252	141683	40.157	ng		98
83) Chrysene	21.761	228	434071	38.562	ng		99
84) Bis(2-ethylhexyl)phtha...	21.590	149	202148	40.030	ng	#	95
85) Di-n-octyl phthalate	22.812	149	350889	40.427	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.694	276	568650	39.301	ng	#	96
88) Benzo(b)fluoranthene	23.929	252	447958	38.425	ng		99
89) Benzo(k)fluoranthene	23.999	252	450472	39.028	ng		98
90) Benzo(a)pyrene	24.810	252	386788	39.323	ng		100
91) Dibenzo(a,h)anthracene	28.752	278	467020	39.033	ng		98
92) Benzo(g,h,i)perylene	29.863	276	461015	39.044	ng		97

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

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