Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054261.D
Acq On : 12 Jul 2022 18:21
Operator : CG/JU
Sample : N3649-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 13 01:36:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A-2-LCMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.041	152	10470	20.000	ng		0.00
21) Naphthalene-d8	10.850	136	41204	20.000	ng	#	0.00
39) Acenaphthene-d10	14.669	164	43732	20.000	ng		0.00
64) Phenanthrene-d10	17.418	188	146413	20.000	ng	#	0.00
76) Chrysene-d12	21.690	240	169837	20.000	ng	#	0.00
86) Perylene-d12	24.927	264	182997	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.609	112	59490	114.156	ng		0.00
7) Phenol-d6	7.207	99	83179	115.725	ng		0.00
23) Nitrobenzene-d5	9.199	82	52294	68.872	ng		0.00
42) 2,4,6-Tribromophenol	16.161	330	120835	142.640	ng		0.00
45) 2-Fluorobiphenyl	13.294	172	186995	62.828	ng		0.00
79) Terphenyl-d14	20.021	244	592324	71.718	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.476	88	8673	38.056	ng	#	87
3) Pyridine	3.881	79	23577	41.421	ng		94
4) n-Nitrosodimethylamine	3.793	42	14624	50.855	ng	#	77
6) Aniline	7.360	93	39813	47.121	ng		95
8) 2-Chlorophenol	7.606	128	31456	53.854	ng		89
9) Benzaldehyde	7.172	77	16882m	39.113	ng		
10) Phenol	7.236	94	40452	55.782	ng		98
11) bis(2-Chloroethyl)ether	7.454	93	25197	47.115	ng		93
12) 1,3-Dichlorobenzene	7.930	146	35233	49.678	ng		92
13) 1,4-Dichlorobenzene	8.076	146	36413	50.102	ng		97
14) 1,2-Dichlorobenzene	8.394	146	34856	49.946	ng		96
15) Benzyl Alcohol	8.276	79	32456	56.013	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.564	45	32687	44.016	ng		95
17) 2-Methylphenol	8.488	107	27786	53.627	ng		95
18) Hexachloroethane	9.128	117	12108	48.966	ng	#	62
19) n-Nitroso-di-n-propyla...	8.840	70	23879	48.663	ng	#	92
20) 3+4-Methylphenols	8.817	107	39188	53.904	ng		97
22) Acetophenone	8.864	105	49917	50.129	ng		95
24) Nitrobenzene	9.246	77	36133	48.407	ng	#	82
25) Isophorone	9.769	82	72288	52.629	ng	#	88
26) 2-Nitrophenol	9.962	139	19194	52.193	ng		86
27) 2,4-Dimethylphenol	10.021	122	33715	65.543	ng		95
28) bis(2-Chloroethoxy)met...	10.245	93	37112	53.078	ng		99
29) 2,4-Dichlorophenol	10.503	162	44900	60.225	ng		88
30) 1,2,4-Trichlorobenzene	10.715	180	43965	47.795	ng		95
31) Naphthalene	10.903	128	101260	48.870	ng		98
32) Benzoic acid	10.168	122	18402m	68.690	ng		
33) 4-Chloroaniline	11.008	127	34260	39.760	ng		93
34) Hexachlorobutadiene	11.185	225	37005	48.483	ng		99
35) Caprolactam	11.778	113	16346m	76.987	ng		
36) 4-Chloro-3-methylphenol	12.131	107	50167	69.940	ng		90
37) 2-Methylnaphthalene	12.501	142	83815	52.784	ng		98
38) 1-Methylnaphthalene	12.718	142	80494	52.213	ng		100
40) 1,2,4,5-Tetrachloroben...	12.871	216	76991	43.371	ng	#	95
41) Hexachlorocyclopentadiene	12.853	237	55168	81.873	ng		97
43) 2,4,6-Trichlorophenol	13.112	196	53595	52.571	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	62651	56.181	ng	#	90
46) 1,1'-Biphenyl	13.505	154	133819	45.504	ng		98
47) 2-Chloronaphthalene	13.552	162	111161	45.216	ng		96
48) 2-Nitroaniline	13.746	65	37257	53.545	ng	#	86
49) Acenaphthylene	14.393	152	182505	48.934	ng		99
50) Dimethylphthalate	14.122	163	186442	54.299	ng	#	99
51) 2,6-Dinitrotoluene	14.246	165	42229	56.583	ng	#	72
52) Acenaphthene	14.733	154	110353	48.919	ng		98
53) 3-Nitroaniline	14.575	138	27209	41.130	ng		90
54) 2,4-Dinitrophenol	14.786	184	50527	119.640	ng	#	81
55) Dibenzofuran	15.068	168	205694	51.913	ng		95
56) 4-Nitrophenol	14.892	139	57961	136.379	ng		94
57) 2,4-Dinitrotoluene	15.033	165	64500	59.685	ng	#	81
58) Fluorene	15.720	166	177463	53.914	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.297	232	68329	61.175	ng	#	87
60) Diethylphthalate	15.480	149	193551	57.795	ng		97
61) 4-Chlorophenyl-phenyle...	15.703	204	117987	56.431	ng	#	90
62) 4-Nitroaniline	15.738	138	39225	56.769	ng		89
63) Azobenzene	15.997	77	135897	53.845	ng		86
65) 4,6-Dinitro-2-methylph...	15.803	198	43464	50.462	ng		77
66) n-Nitrosodiphenylamine	15.920	169	173031	46.854	ng		95
67) 4-Bromophenyl-phenylether	16.602	248	94378	48.329	ng	#	88
68) Hexachlorobenzene	16.725	284	108407	48.636	ng	#	91
69) Atrazine	16.866	200	94251	57.785	ng		95
70) Pentachlorophenol	17.072	266	103140	100.753	ng		95
71) Phenanthrene	17.460	178	350044	47.795	ng		99
72) Anthracene	17.548	178	353194	49.242	ng		99
73) Carbazole	17.818	167	301157	49.581	ng		98
74) Di-n-butylphthalate	18.370	149	355078	49.368	ng	#	98
75) Fluoranthene	19.469	202	475115	47.701	ng		96
77) Benzidine	19.639	184	224653	75.353	ng		98
78) Pyrene	19.827	202	474167	48.511	ng		99
80) Butylbenzylphthalate	20.709	149	151482	47.830	ng	#	83
81) Benzo(a)anthracene	21.672	228	516169	48.045	ng		99
82) 3,3'-Dichlorobenzidine	21.578	252	135329	41.213	ng	#	96
83) Chrysene	21.737	228	475599	46.806	ng		98
84) Bis(2-ethylhexyl)phtha...	21.567	149	219804	48.916	ng	#	93
85) Di-n-octyl phthalate	22.783	149	369887	47.815	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.641	276	650587	47.258	ng		99
88) Benzo(b)fluoranthene	23.899	252	557469	51.373	ng	#	99
89) Benzo(k)fluoranthene	23.964	252	522067	48.495	ng	#	98
90) Benzo(a)pyrene	24.775	252	488529	52.616	ng	#	98
91) Dibenzo(a,h)anthracene	28.699	278	561537	49.791	ng	#	96
92) Benzo(g,h,i)perylene	29.804	276	555034	49.341	ng	#	91

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

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