Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
Data File : BG054247.D
Acq On : 8 Jul 2022 15:15
Operator : CG/JU
Sample : N3622-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITEMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 16:33:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 13:46:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	15128	20.000	ng		0.00
21) Naphthalene-d8	10.873	136	61510	20.000	ng	#	0.00
39) Acenaphthene-d10	14.692	164	54246	20.000	ng		0.00
64) Phenanthrene-d10	17.436	188	156336	20.000	ng	#	0.00
76) Chrysene-d12	21.713	240	177222	20.000	ng		0.00
86) Perylene-d12	24.968	264	189576	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.632	112	99555	125.820	ng		0.00
7) Phenol-d6	7.230	99	138759	129.272	ng		0.00
23) Nitrobenzene-d5	9.222	82	86466	78.996	ng		0.00
42) 2,4,6-Tribromophenol	16.179	330	130267	149.464	ng		0.00
45) 2-Fluorobiphenyl	13.311	172	251211	67.340	ng		0.00
79) Terphenyl-d14	20.039	244	613075	69.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	13564	39.215	ng		92
3) Pyridine	3.905	79	34066	36.907	ng		93
4) n-Nitrosodimethylamine	3.822	42	20483	50.451	ng	#	92
6) Aniline	7.383	93	42423	33.335	ng		98
8) 2-Chlorophenol	7.630	128	45698	54.090	ng		90
9) Benzaldehyde	7.195	77	25744	40.638	ng	#	78
10) Phenol	7.260	94	56273	51.730	ng		97
11) bis(2-Chloroethyl)ether	7.471	93	38737	46.394	ng		96
12) 1,3-Dichlorobenzene	7.953	146	49659	46.908	ng		90
13) 1,4-Dichlorobenzene	8.100	146	52002	48.901	ng		96
14) 1,2-Dichlorobenzene	8.417	146	49905	48.886	ng		99
15) Benzyl Alcohol	8.300	79	43506m	54.230	ng		
16) 2,2'-oxybis(1-Chloropr...	8.587	45	54265	43.475	ng		92
17) 2-Methylphenol	8.511	107	40361	53.410	ng		94
18) Hexachloroethane	9.152	117	17497	49.598	ng	#	75
19) n-Nitroso-di-n-propyla...	8.864	70	34268	47.520	ng	#	95
20) 3+4-Methylphenols	8.834	107	54098	51.047	ng		97
22) Acetophenone	8.887	105	69140	46.243	ng	#	96
24) Nitrobenzene	9.269	77	51041	47.354	ng	#	86
25) Isophorone	9.786	82	97850	47.867	ng	#	93
26) 2-Nitrophenol	9.980	139	26040	54.697	ng		85
27) 2,4-Dimethylphenol	10.039	122	45370	58.879	ng		92
28) bis(2-Chloroethoxy)met...	10.268	93	54994	49.938	ng		98
29) 2,4-Dichlorophenol	10.526	162	56657	54.840	ng		90
30) 1,2,4-Trichlorobenzene	10.738	180	59838	46.776	ng	#	96
31) Naphthalene	10.920	128	141437	45.549	ng		99
32) Benzoic acid	10.191	122	20773m	58.616	ng		
33) 4-Chloroaniline	11.032	127	30935	24.014	ng		92
34) Hexachlorobutadiene	11.208	225	48545	49.358	ng		96
35) Caprolactam	11.790	113	17751m	62.412	ng		
36) 4-Chloro-3-methylphenol	12.154	107	58241	57.991	ng		91
37) 2-Methylnaphthalene	12.524	142	111617	48.584	ng		97
38) 1-Methylnaphthalene	12.741	142	105720	47.260	ng		98
40) 1,2,4,5-Tetrachloroben...	12.894	216	94378	45.152	ng	#	95
41) Hexachlorocyclopentadiene	12.871	237	62169	63.875	ng		98
43) 2,4,6-Trichlorophenol	13.129	196	58420	49.756	ng		97

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44) 2,4,5-Trichlorophenol	13.211	196	67352	51.375	ng	#	90
46) 1,1'-Biphenyl	13.523	154	166983	44.192	ng		97
47) 2-Chloronaphthalene	13.570	162	136647	44.686	ng		96
48) 2-Nitroaniline	13.770	65	41221	50.674	ng	#	88
49) Acenaphthylene	14.416	152	215859	45.396	ng		99
50) Dimethylphthalate	14.140	163	190306	46.064	ng		97
51) 2,6-Dinitrotoluene	14.263	165	44052	52.776	ng	#	72
52) Acenaphthene	14.757	154	157997m	52.127	ng		
53) 3-Nitroaniline	14.592	138	26099	32.274	ng		88
54) 2,4-Dinitrophenol	14.804	184	50544	107.121	ng	#	74
55) Dibenzofuran	15.092	168	229897	47.076	ng		94
56) 4-Nitrophenol	14.915	139	61598	107.291	ng		88
57) 2,4-Dinitrotoluene	15.050	165	66408	56.334	ng	#	86
58) Fluorene	15.738	166	194516	48.512	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.321	232	68174	53.175	ng	#	88
60) Diethylphthalate	15.497	149	196078	49.009	ng		96
61) 4-Chlorophenyl-phenyle...	15.726	204	121316	50.538	ng	#	89
62) 4-Nitroaniline	15.756	138	41590	49.317	ng		84
63) Azobenzene	16.020	77	152688	47.412	ng		88
65) 4,6-Dinitro-2-methylph...	15.820	198	42199	54.104	ng		79
66) n-Nitrosodiphenylamine	15.938	169	179837	44.138	ng		96
67) 4-Bromophenyl-phenylether	16.619	248	91836	47.034	ng	#	92
68) Hexachlorobenzene	16.748	284	106381	47.629	ng	#	90
69) Atrazine	16.884	200	91003	53.917	ng		94
70) Pentachlorophenol	17.089	266	99488	95.891	ng		98
71) Phenanthrene	17.477	178	361015	44.947	ng		98
72) Anthracene	17.571	178	366357	46.708	ng		98
73) Carbazole	17.835	167	314050	46.647	ng		99
74) Di-n-butylphthalate	18.388	149	361371	46.424	ng	#	98
75) Fluoranthene	19.486	202	478703	45.401	ng		96
77) Benzidine	19.657	184	211870	57.729	ng		98
78) Pyrene	19.845	202	486691	45.469	ng		98
80) Butylbenzylphthalate	20.726	149	159646	46.532	ng	#	86
81) Benzo(a)anthracene	21.690	228	523874	45.654	ng		99
82) 3,3'-Dichlorobenzidine	21.596	252	100862	29.420	ng		99
83) Chrysene	21.760	228	489197	44.725	ng		97
84) Bis(2-ethylhexyl)phtha...	21.590	149	231544	47.188	ng	#	93
85) Di-n-octyl phthalate	22.806	149	390975	46.358	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.699	276	647262	45.243	ng		99
88) Benzo(b)fluoranthene	23.934	252	565979m	49.102	ng		
89) Benzo(k)fluoranthene	24.005	252	517532	45.348	ng	#	97
90) Benzo(a)pyrene	24.816	252	491056	50.492	ng		99
91) Dibenzo(a,h)anthracene	28.752	278	557195	47.099	ng	#	96
92) Benzo(g,h,i)perylene	29.868	276	556461	47.663	ng	#	95

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

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