Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
Data File : BG052332.D
Acq On : 9 Feb 2022 13:15
Operator : CG/JU
Sample : N1421-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 14:35:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.225	152	26980	20.000	ng		0.00
21) Naphthalene-d8	11.068	136	111949	20.000	ng	#	0.00
39) Acenaphthene-d10	14.874	164	81837	20.000	ng		0.00
64) Phenanthrene-d10	17.624	188	202566	20.000	ng		0.00
76) Chrysene-d12	21.947	240	182257	20.000	ng		0.00
86) Perylene-d12	25.419	264	193067	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	196162	126.717	ng		0.00
7) Phenol-d6	7.379	99	283204	118.569	ng		0.00
23) Nitrobenzene-d5	9.399	82	193000	74.927	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	146042	124.215	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	422630	71.760	ng		0.00
79) Terphenyl-d14	20.214	244	769760	74.581	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	23926	33.566	ng		96
3) Pyridine	3.995	79	65843	31.849	ng		96
4) n-Nitrosodimethylamine	3.901	42	46475	43.537	ng	#	88
6) Aniline	7.537	93	125069	45.070	ng		98
8) 2-Chlorophenol	7.790	128	88902	52.205	ng		92
9) Benzaldehyde	7.349	77	63222	50.576	ng		93
10) Phenol	7.402	94	126752	53.410	ng		97
11) bis(2-Chloroethyl)ether	7.625	93	80907	44.601	ng		95
12) 1,3-Dichlorobenzene	8.119	146	91423	47.118	ng		95
13) 1,4-Dichlorobenzene	8.266	146	92869	46.951	ng		99
14) 1,2-Dichlorobenzene	8.589	146	89105	45.677	ng		95
15) Benzyl Alcohol	8.460	79	97755	49.313	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.747	45	112503	42.949	ng		98
17) 2-Methylphenol	8.671	107	79728	50.911	ng		97
18) Hexachloroethane	9.329	117	32952	47.911	ng		98
19) n-Nitroso-di-n-propyla...	9.035	70	78956	43.848	ng		93
20) 3+4-Methylphenols	9.000	107	111554	49.791	ng		94
22) Acetophenone	9.053	105	133939	45.269	ng		96
24) Nitrobenzene	9.446	77	112054	45.860	ng		93
25) Isophorone	9.969	82	210671	48.068	ng		98
26) 2-Nitrophenol	10.163	139	51363	49.595	ng		93
27) 2,4-Dimethylphenol	10.222	122	88470	57.697	ng		96
28) bis(2-Chloroethoxy)met...	10.445	93	112948	45.410	ng		100
29) 2,4-Dichlorophenol	10.709	162	95414	51.914	ng		98
30) 1,2,4-Trichlorobenzene	10.927	180	100153	46.666	ng		97
31) Naphthalene	11.121	128	273366	46.579	ng		97
32) Benzoic acid	10.369	122	60353	59.271	ng		98
33) 4-Chloroaniline	11.220	127	86301	35.221	ng		97
34) Hexachlorobutadiene	11.403	225	62512	43.129	ng		93
35) Caprolactam	11.990	113	35349m	52.776	ng		
36) 4-Chloro-3-methylphenol	12.337	107	109442	52.341	ng		97
37) 2-Methylnaphthalene	12.713	142	204052	46.811	ng		98
38) 1-Methylnaphthalene	12.930	142	193355	45.776	ng		98
40) 1,2,4,5-Tetrachloroben...	13.083	216	122850	45.640	ng		99
41) Hexachlorocyclopentadiene	13.059	237	148785	112.468	ng		95
43) 2,4,6-Trichlorophenol	13.312	196	88813	50.449	ng		98

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44)	2,4,5-Trichlorophenol	13.394	196	96511	50.588	ng		95
46)	1,1'-Biphenyl	13.705	154	284435	47.398	ng		99
47)	2-Chloronaphthalene	13.758	162	212027	45.860	ng		98
48)	2-Nitroaniline	13.952	65	84735	51.479	ng		98
49)	Acenaphthylene	14.598	152	370707	49.256	ng		99
50)	Dimethylphthalate	14.316	163	300172	47.881	ng		99
51)	2,6-Dinitrotoluene	14.440	165	68056	50.306	ng		92
52)	Acenaphthene	14.939	154	269133m	54.603	ng		
53)	3-Nitroaniline	14.769	138	53491	38.040	ng	#	95
54)	2,4-Dinitrophenol	14.980	184	93602	109.782	ng		98
55)	Dibenzofuran	15.274	168	349006	45.025	ng		98
56)	4-Nitrophenol	15.086	139	120199	113.823	ng		91
57)	2,4-Dinitrotoluene	15.227	165	101698	52.817	ng	#	87
58)	Fluorene	15.920	166	293235	47.388	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.497	232	92042	50.503	ng		98
60)	Diethylphthalate	15.673	149	310647	49.052	ng		98
61)	4-Chlorophenyl-phenyle...	15.902	204	161610	45.849	ng		98
62)	4-Nitroaniline	15.938	138	72706	49.114	ng		90
63)	Azobenzene	16.196	77	299335	46.171	ng		95
65)	4,6-Dinitro-2-methylph...	15.996	198	62076	50.942	ng		90
66)	n-Nitrosodiphenylamine	16.120	169	270536	48.473	ng		99
67)	4-Bromophenyl-phenylether	16.801	248	111893	45.422	ng		96
68)	Hexachlorobenzene	16.936	284	122349	45.792	ng	#	90
69)	Atrazine	17.060	200	116224	51.508	ng		93
70)	Pentachlorophenol	17.277	266	150081	114.818	ng		98
71)	Phenanthrene	17.671	178	485546	46.497	ng		97
72)	Anthracene	17.759	178	492344	48.114	ng		100
73)	Carbazole	18.023	167	467787	46.871	ng		98
74)	Di-n-butylphthalate	18.564	149	526255	48.396	ng		98
75)	Fluoranthene	19.668	202	608570	45.769	ng		98
77)	Benzidine	19.838	184	312215	80.170	ng		100
78)	Pyrene	20.032	202	605693	49.665	ng		99
80)	Butylbenzylphthalate	20.901	149	220393	52.026	ng		93
81)	Benzo(a)anthracene	21.924	228	578500	47.966	ng		100
82)	3,3'-Dichlorobenzidine	21.824	252	164822	39.146	ng		99
83)	Chrysene	21.994	228	543363	47.543	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.800	149	304653	51.864	ng		99
85)	Di-n-octyl phthalate	23.093	149	510551	51.841	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.431	276	644471	45.616	ng		99
88)	Benzo(b)fluoranthene	24.309	252	594799	49.439	ng		100
89)	Benzo(k)fluoranthene	24.379	252	570276	47.983	ng		98
90)	Benzo(a)pyrene	25.260	252	566391	55.730	ng		100
91)	Dibenzo(a,h)anthracene	29.502	278	561689	48.127	ng		95
92)	Benzo(g,h,i)perylene	30.700	276	548850	47.918	ng		96

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

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