Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053611.D
Acq On : 18 May 2022 20:05
Operator : CG/JU
Sample : N2776-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 19 05:12:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

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05/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	25125	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	99638	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	79357	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	202885	20.000	ng	0.00
76) Chrysene-d12	21.740	240	206252	20.000	ng	0.00
86) Perylene-d12	25.012	264	216730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	142034	95.941	ng	0.00
7) Phenol-d6	7.242	99	148809	66.232	ng	0.00
23) Nitrobenzene-d5	9.245	82	222718	95.152	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	168014	143.550	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	488387	89.932	ng	0.00
79) Terphenyl-d14	20.060	244	1044404	94.310	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	20470	26.353	ng	# 89
3) Pyridine	3.929	79	41172m	21.704	ng	
4) n-Nitrosodimethylamine	3.835	42	29864	32.318	ng	# 96
6) Aniline	7.401	93	70307	28.253	ng	97
8) 2-Chlorophenol	7.647	128	71978	46.508	ng	98
9) Benzaldehyde	7.213	77	74898m	52.473	ng	
10) Phenol	7.271	94	53596	24.390	ng	91
11) bis(2-Chloroethyl)ether	7.489	93	74120	45.227	ng	97
12) 1,3-Dichlorobenzene	7.970	146	78901	43.215	ng	91
13) 1,4-Dichlorobenzene	8.117	146	80372	43.623	ng	97
14) 1,2-Dichlorobenzene	8.434	146	77740	44.934	ng	97
15) Benzyl Alcohol	8.317	79	61895m	32.951	ng	
16) 2,2'-oxybis(1-Chloropr...	8.599	45	123368	46.251	ng	97
17) 2-Methylphenol	8.528	107	60116	40.476	ng	98
18) Hexachloroethane	9.163	117	29780	42.564	ng	96
19) n-Nitroso-di-n-propyla...	8.881	70	73096	45.343	ng	97
20) 3+4-Methylphenols	8.857	107	76142	36.299	ng	99
22) Acetophenone	8.899	105	126063	46.228	ng	# 97
24) Nitrobenzene	9.286	77	112842	49.810	ng	98
25) Isophorone	9.809	82	200409	50.875	ng	99
26) 2-Nitrophenol	10.003	139	44979	49.021	ng	94
27) 2,4-Dimethylphenol	10.056	122	70987	51.408	ng	95
28) bis(2-Chloroethoxy)met...	10.285	93	106265	46.904	ng	97
29) 2,4-Dichlorophenol	10.543	162	82745	49.650	ng	91
30) 1,2,4-Trichlorobenzene	10.749	180	86735	45.806	ng	99
31) Naphthalene	10.943	128	238011	46.960	ng	99
32) Benzoic acid	10.214	122	17477m	25.154	ng	
33) 4-Chloroaniline	11.054	127	22802	10.743	ng	93
34) Hexachlorobutadiene	11.225	225	62589	44.576	ng	96
35) Caprolactam	11.824	113	9060m	14.960	ng	
36) 4-Chloro-3-methylphenol	12.171	107	94651	47.480	ng	99
37) 2-Methylnaphthalene	12.541	142	178306	47.141	ng	96
38) 1-Methylnaphthalene	12.758	142	170918	46.315	ng	100
40) 1,2,4,5-Tetrachloroben...	12.911	216	114520	45.782	ng	99
41) Hexachlorocyclopentadiene	12.887	237	99680	95.862	ng	95
43) 2,4,6-Trichlorophenol	13.146	196	76415	46.800	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	84088	48.388	ng		100
46) 1,1'-Biphenyl	13.539	154	249479	46.121	ng		99
47) 2-Chloronaphthalene	13.586	162	194515	45.897	ng		99
48) 2-Nitroaniline	13.786	65	80611	51.046	ng		98
49) Acenaphthylene	14.432	152	337433	49.896	ng		99
50) Dimethylphthalate	14.156	163	285557	47.353	ng		99
51) 2,6-Dinitrotoluene	14.279	165	61365	49.948	ng		97
52) Acenaphthene	14.773	154	188878	46.865	ng		98
53) 3-Nitroaniline	14.614	138	27856	20.984	ng		99
54) 2,4-Dinitrophenol	14.826	184	50256	65.656	ng		95
55) Dibenzofuran	15.102	168	325400	44.950	ng		97
56) 4-Nitrophenol	14.932	139	52703	55.585	ng		90
57) 2,4-Dinitrotoluene	15.067	165	87824	49.316	ng	#	86
58) Fluorene	15.754	166	271760	46.780	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.337	232	80750	45.798	ng		99
60) Diethylphthalate	15.513	149	289366	46.453	ng		98
61) 4-Chlorophenyl-phenyle...	15.736	204	149290	46.053	ng		100
62) 4-Nitroaniline	15.777	138	61032	44.327	ng		97
63) Azobenzene	16.030	77	291595	45.714	ng		98
65) 4,6-Dinitro-2-methylph...	15.842	198	51090	42.260	ng		94
66) n-Nitrosodiphenylamine	15.954	169	245123	46.017	ng		96
67) 4-Bromophenyl-phenylether	16.635	248	108433	45.763	ng		93
68) Hexachlorobenzene	16.764	284	120385	46.391	ng		99
69) Atrazine	16.899	200	107761	48.054	ng		95
70) Pentachlorophenol	17.111	266	120121	85.608	ng		94
71) Phenanthrene	17.499	178	481410	46.665	ng		97
72) Anthracene	17.587	178	479050	47.243	ng		99
73) Carbazole	17.857	167	450222	45.304	ng		99
74) Di-n-butylphthalate	18.403	149	526002	47.062	ng		99
75) Fluoranthene	19.502	202	621969	46.563	ng		99
77) Benzidine	19.678	184	199752	44.934	ng		99
78) Pyrene	19.866	202	623217	46.677	ng		99
80) Butylbenzylphthalate	20.741	149	232297	47.446	ng		98
81) Benzo(a)anthracene	21.716	228	619865	47.120	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	127929	38.348	ng		97
83) Chrysene	21.787	228	564318	45.930	ng		99
84) Bis(2-ethylhexyl)phtha...	21.605	149	329317	48.733	ng		99
85) Di-n-octyl phthalate	22.827	149	554651	48.538	ng		100
87) Indeno(1,2,3-cd)pyrene	28.777	276	693527	45.945	ng	#	95
88) Benzo(b)fluoranthene	23.972	252	650806	50.731	ng		100
89) Benzo(k)fluoranthene	24.043	252	602327	47.780	ng		99
90) Benzo(a)pyrene	24.859	252	606950	55.586	ng		99
91) Dibenzo(a,h)anthracene	28.830	278	605453	48.678	ng		99
92) Benzo(g,h,i)perylene	29.952	276	599726	48.643	ng		97

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

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