Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053551.D
Acq On : 13 May 2022 20:24
Operator : CG/JU
Sample : N2762-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:14:44 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.082	152	24117	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	99032	20.000	ng		0.00
39) Acenaphthene-d10	14.708	164	79215	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	193852	20.000	ng		0.00
76) Chrysene-d12	21.740	240	185198	20.000	ng		0.00
86) Perylene-d12	25.012	264	195528	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	165862	116.719	ng		0.00
7) Phenol-d6	7.248	99	253071	117.344	ng		0.00
23) Nitrobenzene-d5	9.245	82	174093	74.833	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	131144	112.249	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	375738	69.312	ng		0.00
79) Terphenyl-d14	20.060	244	683685	68.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	29180	39.136	ng	#	90
3) Pyridine	3.929	79	72294	39.703	ng		98
4) n-Nitrosodimethylamine	3.841	42	44567	50.245	ng		96
6) Aniline	7.406	93	75511	31.612	ng		96
8) 2-Chlorophenol	7.653	128	81254	54.696	ng		95
9) Benzaldehyde	7.218	77	54485m	39.767	ng		
10) Phenol	7.277	94	115077	54.558	ng		94
11) bis(2-Chloroethyl)ether	7.494	93	74315	47.241	ng		96
12) 1,3-Dichlorobenzene	7.976	146	85600	48.843	ng		93
13) 1,4-Dichlorobenzene	8.117	146	86906	49.141	ng		97
14) 1,2-Dichlorobenzene	8.440	146	83979	50.569	ng		96
15) Benzyl Alcohol	8.323	79	96044m	53.268	ng		
16) 2,2'-oxybis(1-Chloropr...	8.611	45	123981	48.424	ng		98
17) 2-Methylphenol	8.528	107	77508	54.367	ng		97
18) Hexachloroethane	9.174	117	32804	48.846	ng		96
19) n-Nitroso-di-n-propyla...	8.887	70	75889	49.044	ng		99
20) 3+4-Methylphenols	8.857	107	108674	53.974	ng		98
22) Acetophenone	8.904	105	131234	48.419	ng	#	98
24) Nitrobenzene	9.292	77	115825	51.439	ng		97
25) Isophorone	9.809	82	211701	54.071	ng		98
26) 2-Nitrophenol	10.003	139	48473	53.152	ng		96
27) 2,4-Dimethylphenol	10.062	122	82371	60.017	ng		98
28) bis(2-Chloroethoxy)met...	10.291	93	111557	49.541	ng		97
29) 2,4-Dichlorophenol	10.549	162	95203	57.475	ng		90
30) 1,2,4-Trichlorobenzene	10.761	180	94490	50.207	ng		99
31) Naphthalene	10.943	128	252380	50.100	ng		98
32) Benzoic acid	10.244	122	48123m	54.663	ng		
33) 4-Chloroaniline	11.054	127	32925	15.607	ng		95
34) Hexachlorobutadiene	11.230	225	69064	49.489	ng		97
35) Caprolactam	11.824	113	32229m	53.542	ng		
36) 4-Chloro-3-methylphenol	12.176	107	108086	54.551	ng		95
37) 2-Methylnaphthalene	12.546	142	189108	50.303	ng		96
38) 1-Methylnaphthalene	12.764	142	181165	49.392	ng		97
40) 1,2,4,5-Tetrachloroben...	12.916	216	126438	50.637	ng		99
41) Hexachlorocyclopentadiene	12.893	237	105016	100.685	ng		97
43) 2,4,6-Trichlorophenol	13.151	196	88881	54.532	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	97326	56.106	ng		98
46) 1,1'-Biphenyl	13.545	154	269037	49.825	ng		99
47) 2-Chloronaphthalene	13.592	162	209067	49.420	ng		97
48) 2-Nitroaniline	13.792	65	85205	54.052	ng		99
49) Acenaphthylene	14.432	152	362305	53.669	ng		99
50) Dimethylphthalate	14.162	163	294399	48.907	ng		99
51) 2,6-Dinitrotoluene	14.279	165	65064	53.054	ng		97
52) Acenaphthene	14.773	154	206650	51.366	ng		99
53) 3-Nitroaniline	14.614	138	32138	24.253	ng		99
54) 2,4-Dinitrophenol	14.832	184	78702	99.451	ng		92
55) Dibenzofuran	15.108	168	353299	48.891	ng		98
56) 4-Nitrophenol	14.937	139	101490	107.232	ng		86
57) 2,4-Dinitrotoluene	15.072	165	90715	51.031	ng	#	84
58) Fluorene	15.760	166	291639	50.292	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.343	232	90389	51.356	ng		99
60) Diethylphthalate	15.519	149	303966	48.884	ng		98
61) 4-Chlorophenyl-phenyle...	15.742	204	162681	50.274	ng		98
62) 4-Nitroaniline	15.783	138	62575	45.529	ng		96
63) Azobenzene	16.036	77	312461	49.073	ng		99
65) 4,6-Dinitro-2-methylph...	15.842	198	58694	50.812	ng		98
66) n-Nitrosodiphenylamine	15.959	169	261866	51.451	ng		99
67) 4-Bromophenyl-phenylether	16.641	248	116021	51.247	ng		98
68) Hexachlorobenzene	16.770	284	127331	51.354	ng		97
69) Atrazine	16.905	200	110990	51.801	ng		96
70) Pentachlorophenol	17.117	266	134512	99.532	ng		93
71) Phenanthrene	17.498	178	523652	53.125	ng		97
72) Anthracene	17.592	178	504073	52.027	ng		99
73) Carbazole	17.857	167	453528	47.763	ng		99
74) Di-n-butylphthalate	18.403	149	517838	48.491	ng		99
75) Fluoranthene	19.508	202	659540	51.676	ng		99
77) Benzidine	19.678	184	216733	54.296	ng		98
78) Pyrene	19.866	202	651870	54.373	ng		99
80) Butylbenzylphthalate	20.741	149	228547	51.987	ng		97
81) Benzo(a)anthracene	21.716	228	635720	53.819	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	119034	39.738	ng		95
83) Chrysene	21.787	228	581988	52.753	ng		97
84) Bis(2-ethylhexyl)phtha...	21.605	149	322737	53.188	ng		98
85) Di-n-octyl phthalate	22.832	149	546713	53.283	ng		99
87) Indeno(1,2,3-cd)pyrene	28.771	276	717041	52.654	ng	#	98
88) Benzo(b)fluoranthene	23.978	252	660843	57.099	ng		99
89) Benzo(k)fluoranthene	24.043	252	626016	55.044	ng		99
90) Benzo(a)pyrene	24.865	252	636168	64.580	ng		97
91) Dibenzo(a,h)anthracene	28.830	278	600932	53.553	ng		99
92) Benzo(g,h,i)perylene	29.952	276	615194	55.308	ng		96

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

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