Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053538.D
Acq On : 13 May 2022 11:44
Operator : CG/JU
Sample : N2749-19MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 14 03:12:47 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 :
TP-7MS

Manual Integrations APPROVED

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

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05/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	27209	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	109826	20.000	ng		0.00
39) Acenaphthene-d10	14.710	164	85125	20.000	ng		0.00
64) Phenanthrene-d10	17.454	188	201832	20.000	ng		0.00
76) Chrysene-d12	21.736	240	202390	20.000	ng		0.00
86) Perylene-d12	25.008	264	214762	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	179372	111.882	ng		0.00
7) Phenol-d6	7.250	99	269344	110.698	ng		0.00
23) Nitrobenzene-d5	9.247	82	184803	71.629	ng		0.00
42) 2,4,6-Tribromophenol	16.203	330	135677	108.067	ng		0.00
45) 2-Fluorobiphenyl	13.336	172	412829	70.867	ng		0.00
79) Terphenyl-d14	20.056	244	758041	69.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	32034	38.082	ng	#	85
3) Pyridine	3.925	79	80695m	39.281	ng		
4) n-Nitrosodimethylamine	3.843	42	49969	49.933	ng		98
6) Aniline	7.403	93	71907	26.683	ng		94
8) 2-Chlorophenol	7.649	128	88351	52.715	ng		99
9) Benzaldehyde	7.215	77	60179m	38.932	ng		
10) Phenol	7.279	94	126149	53.011	ng		95
11) bis(2-Chloroethyl)ether	7.497	93	84102	47.387	ng		95
12) 1,3-Dichlorobenzene	7.973	146	91417	46.235	ng		93
13) 1,4-Dichlorobenzene	8.119	146	94482	47.354	ng		98
14) 1,2-Dichlorobenzene	8.437	146	91344	48.753	ng		97
15) Benzyl Alcohol	8.319	79	101638m	49.964	ng		
16) 2,2'-oxybis(1-Chloropr...	8.607	45	133874	46.346	ng		97
17) 2-Methylphenol	8.531	107	83940	52.188	ng		98
18) Hexachloroethane	9.171	117	34856	46.003	ng		88
19) n-Nitroso-di-n-propyla...	8.883	70	81345	46.596	ng		99
20) 3+4-Methylphenols	8.860	107	115648	50.911	ng		96
22) Acetophenone	8.907	105	140489	46.739	ng	#	98
24) Nitrobenzene	9.288	77	125991	50.455	ng		100
25) Isophorone	9.811	82	223267	51.420	ng		98
26) 2-Nitrophenol	10.005	139	51035	50.461	ng		98
27) 2,4-Dimethylphenol	10.064	122	90292	59.323	ng		93
28) bis(2-Chloroethoxy)met...	10.287	93	119842	47.990	ng		98
29) 2,4-Dichlorophenol	10.546	162	99250	54.029	ng		92
30) 1,2,4-Trichlorobenzene	10.757	180	102151	48.943	ng		96
31) Naphthalene	10.945	128	275418	49.300	ng		100
32) Benzoic acid	10.234	122	55400m	56.421	ng		
33) 4-Chloroaniline	11.051	127	32736	13.992	ng		93
34) Hexachlorobutadiene	11.233	225	75006	48.464	ng		98
35) Caprolactam	11.820	113	33271m	49.840	ng		
36) 4-Chloro-3-methylphenol	12.179	107	112589	51.239	ng		97
37) 2-Methylnaphthalene	12.543	142	196572	47.149	ng		98
38) 1-Methylnaphthalene	12.760	142	189293m	46.536	ng		
40) 1,2,4,5-Tetrachloroben...	12.913	216	131367	48.958	ng		99
41) Hexachlorocyclopentadiene	12.895	237	117560	104.518	ng		98
43) 2,4,6-Trichlorophenol	13.154	196	92173	52.625	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.230	196	97266	52.178	ng		99
46) 1,1'-Biphenyl	13.547	154	278713	48.034	ng		100
47) 2-Chloronaphthalene	13.594	162	218221	48.002	ng		97
48) 2-Nitroaniline	13.788	65	85595	50.530	ng		97
49) Acenaphthylene	14.434	152	374299	51.597	ng		99
50) Dimethylphthalate	14.158	163	304404	47.058	ng		99
51) 2,6-Dinitrotoluene	14.282	165	66237	50.260	ng		96
52) Acenaphthene	14.775	154	210939	48.792	ng		98
53) 3-Nitroaniline	14.616	138	28712	20.164	ng		99
54) 2,4-Dinitrophenol	14.828	184	83459	98.223	ng		98
55) Dibenzofuran	15.110	168	361824	46.595	ng		98
56) 4-Nitrophenol	14.934	139	104500	102.747	ng		90
57) 2,4-Dinitrotoluene	15.075	165	94785	49.618	ng	#	94
58) Fluorene	15.756	166	298929	47.970	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.339	232	92143	48.718	ng		99
60) Diethylphthalate	15.515	149	311782	46.660	ng		98
61) 4-Chlorophenyl-phenyle...	15.744	204	164781	47.388	ng		97
62) 4-Nitroaniline	15.780	138	65924	44.636	ng		97
63) Azobenzene	16.038	77	316634	46.275	ng		98
65) 4,6-Dinitro-2-methylph...	15.838	198	59285	49.295	ng		96
66) n-Nitrosodiphenylamine	15.956	169	263405	49.707	ng		99
67) 4-Bromophenyl-phenylether	16.637	248	116826	49.562	ng		96
68) Hexachlorobenzene	16.767	284	129347	50.105	ng		99
69) Atrazine	16.902	200	113409	50.837	ng		99
70) Pentachlorophenol	17.113	266	137439	97.764	ng		97
71) Phenanthrene	17.501	178	546685	53.269	ng		97
72) Anthracene	17.589	178	515112	51.065	ng		99
73) Carbazole	17.859	167	463903	46.924	ng		100
74) Di-n-butylphthalate	18.405	149	524572	47.179	ng		99
75) Fluoranthene	19.504	202	701127	52.762	ng		98
77) Benzidine	19.680	184	248475	56.960	ng		98
78) Pyrene	19.868	202	692935	52.889	ng		100
80) Butylbenzylphthalate	20.744	149	233920	48.689	ng		97
81) Benzo(a)anthracene	21.719	228	682457	52.867	ng		98
82) 3,3'-Dichlorobenzidine	21.625	252	88339	26.986	ng		99
83) Chrysene	21.783	228	631094	52.345	ng		97
84) Bis(2-ethylhexyl)phtha...	21.607	149	335628	50.614	ng		100
85) Di-n-octyl phthalate	22.829	149	574088	51.198	ng		100
87) Indeno(1,2,3-cd)pyrene	28.774	276	776679	51.925	ng	#	95
88) Benzo(b)fluoranthene	23.974	252	769149	60.505	ng		99
89) Benzo(k)fluoranthene	24.045	252	669283	53.578	ng		98
90) Benzo(a)pyrene	24.867	252	700470	64.739	ng		98
91) Dibenzo(a,h)anthracene	28.833	278	638460	51.802	ng		98
92) Benzo(g,h,i)perylene	29.955	276	687432	56.268	ng		98

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

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