Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053539.D
Acq On : 13 May 2022 12:23
Operator : CG/JU
Sample : N2749-19MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Manual Integrations APPROVED

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

Quant Time: May 14 03:12:58 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	8.081	152	25742	20.000	ng		0.00
21) Naphthalene-d8	10.895	136	106642	20.000	ng		0.00
39) Acenaphthene-d10	14.713	164	82605	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	197274	20.000	ng		0.00
76) Chrysene-d12	21.739	240	191727	20.000	ng		0.00
86) Perylene-d12	25.011	264	209888	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	171525	113.084	ng		0.00
7) Phenol-d6	7.247	99	259660	112.799	ng		0.00
23) Nitrobenzene-d5	9.244	82	178083	71.086	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	133026	109.187	ng		0.00
45) 2-Fluorobiphenyl	13.333	172	407997	72.175	ng		0.00
79) Terphenyl-d14	20.059	244	750555	72.910	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	30507	38.333	ng		95
3) Pyridine	3.928	79	74999	38.588	ng		98
4) n-Nitrosodimethylamine	3.840	42	45922	48.504	ng		96
6) Aniline	7.406	93	75034	29.430	ng		97
8) 2-Chlorophenol	7.652	128	84731	53.436	ng		96
9) Benzaldehyde	7.218	77	56006m	38.297	ng		
10) Phenol	7.276	94	120278	53.424	ng		94
11) bis(2-Chloroethyl)ether	7.494	93	80767	48.101	ng		97
12) 1,3-Dichlorobenzene	7.975	146	90894	48.590	ng		94
13) 1,4-Dichlorobenzene	8.116	146	90980	48.197	ng		97
14) 1,2-Dichlorobenzene	8.440	146	87508	49.367	ng		99
15) Benzyl Alcohol	8.322	79	99999m	51.960	ng		
16) 2,2'-oxybis(1-Chloropr...	8.604	45	130135	47.619	ng		97
17) 2-Methylphenol	8.528	107	79844	52.470	ng		93
18) Hexachloroethane	9.168	117	34230	47.751	ng		99
19) n-Nitroso-di-n-propyla...	8.886	70	78949	47.800	ng		98
20) 3+4-Methylphenols	8.857	107	108871	50.658	ng		95
22) Acetophenone	8.904	105	136297	46.699	ng	#	100
24) Nitrobenzene	9.291	77	119526	49.295	ng		99
25) Isophorone	9.808	82	218149	51.742	ng		99
26) 2-Nitrophenol	10.002	139	49493	50.398	ng		98
27) 2,4-Dimethylphenol	10.061	122	87807	59.412	ng		96
28) bis(2-Chloroethoxy)met...	10.290	93	116423	48.013	ng		96
29) 2,4-Dichlorophenol	10.548	162	96675	54.199	ng		94
30) 1,2,4-Trichlorobenzene	10.760	180	99427	49.060	ng		97
31) Naphthalene	10.948	128	267622	49.335	ng		97
32) Benzoic acid	10.231	122	51081m	54.003	ng		
33) 4-Chloroaniline	11.054	127	31955	14.066	ng	#	94
34) Hexachlorobutadiene	11.230	225	70496	46.910	ng		97
35) Caprolactam	11.823	113	32021m	49.400	ng		
36) 4-Chloro-3-methylphenol	12.176	107	111437	52.229	ng		99
37) 2-Methylnaphthalene	12.546	142	191923	47.409	ng		99
38) 1-Methylnaphthalene	12.763	142	187673	47.515	ng		97
40) 1,2,4,5-Tetrachloroben...	12.916	216	129238	49.634	ng		99
41) Hexachlorocyclopentadiene	12.892	237	104689	96.641	ng		98
43) 2,4,6-Trichlorophenol	13.151	196	88360	51.987	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.233	196	95680	52.893	ng		99
46)	1,1'-Biphenyl	13.544	154	274431	48.739	ng		98
47)	2-Chloronaphthalene	13.591	162	214823	48.696	ng		99
48)	2-Nitroaniline	13.791	65	85856	52.230	ng		98
49)	Acenaphthylene	14.437	152	367462	52.199	ng		99
50)	Dimethylphthalate	14.161	163	294455	46.909	ng		99
51)	2,6-Dinitrotoluene	14.279	165	63106	49.345	ng		96
52)	Acenaphthene	14.778	154	205149	48.900	ng		99
53)	3-Nitroaniline	14.614	138	30341	21.958	ng		97
54)	2,4-Dinitrophenol	14.825	184	79553	96.593	ng		95
55)	Dibenzofuran	15.107	168	354270	47.014	ng		98
56)	4-Nitrophenol	14.931	139	104498	105.880	ng		93
57)	2,4-Dinitrotoluene	15.072	165	92898	50.114	ng		89
58)	Fluorene	15.759	166	290357	48.016	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.342	232	91149	49.663	ng		98
60)	Diethylphthalate	15.518	149	301567	46.508	ng		99
61)	4-Chlorophenyl-phenyle...	15.741	204	161268	47.792	ng		99
62)	4-Nitroaniline	15.777	138	62003	43.262	ng		99
63)	Azobenzene	16.035	77	310615	46.781	ng		99
65)	4,6-Dinitro-2-methylph...	15.841	198	57483	48.901	ng		97
66)	n-Nitrosodiphenylamine	15.959	169	257631	49.741	ng		98
67)	4-Bromophenyl-phenylether	16.640	248	111905	48.571	ng		95
68)	Hexachlorobenzene	16.769	284	127674	50.599	ng		97
69)	Atrazine	16.905	200	112523	51.605	ng		96
70)	Pentachlorophenol	17.116	266	136834	99.496	ng		93
71)	Phenanthrene	17.498	178	536240	53.458	ng		98
72)	Anthracene	17.592	178	500254	50.738	ng		99
73)	Carbazole	17.856	167	450598	46.631	ng		99
74)	Di-n-butylphthalate	18.403	149	508274	46.769	ng		100
75)	Fluoranthene	19.507	202	685818	52.803	ng		98
77)	Benzidine	19.677	184	255263	61.771	ng		99
78)	Pyrene	19.871	202	683882	55.101	ng		100
80)	Butylbenzylphthalate	20.741	149	228683	50.247	ng		96
81)	Benzo(a)anthracene	21.716	228	669502	54.748	ng		98
82)	3,3'-Dichlorobenzidine	21.622	252	90259	29.106	ng		99
83)	Chrysene	21.786	228	611707	53.559	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.604	149	325897	51.880	ng		99
85)	Di-n-octyl phthalate	22.832	149	558599	52.587	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.783	276	761281	52.077	ng	#	95
88)	Benzo(b)fluoranthene	23.977	252	769823	61.964	ng		99
89)	Benzo(k)fluoranthene	24.042	252	631380	51.718	ng		98
90)	Benzo(a)pyrene	24.864	252	681655	64.463	ng		99
91)	Dibenzo(a,h)anthracene	28.830	278	621495	51.596	ng		99
92)	Benzo(g,h,i)perylene	29.957	276	667861	55.935	ng		96

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

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