Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053558.D
Acq On : 14 May 2022 00:57
Operator : CG/JU
Sample : N2829-01MSD 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 03:15:58 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

Instrument :
BNA_G
ClientSampleId :
OK-02-051222MSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	42340	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	162828	20.000	ng		0.00
39) Acenaphthene-d10	14.714	164	110677	20.000	ng		0.00
64) Phenanthrene-d10	17.458	188	229887	20.000	ng		0.00
76) Chrysene-d12	21.740	240	206293	20.000	ng		0.00
86) Perylene-d12	25.030	264	209497	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.662	112	28327	11.354	ng		0.01
7) Phenol-d6	7.248	99	43845	11.580	ng		0.00
23) Nitrobenzene-d5	9.245	82	29347	7.672	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	18397	11.270	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	68644	9.063	ng		0.00
79) Terphenyl-d14	20.060	244	96876	8.746	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	6912	5.280	ng	#	84
3) Pyridine	3.941	79	16303m	5.100	ng		
4) n-Nitrosodimethylamine	3.852	42	10978	7.050	ng	#	96
6) Aniline	7.406	93	26151	6.236	ng		97
8) 2-Chlorophenol	7.659	128	22604	8.667	ng		95
9) Benzaldehyde	7.224	77	14751m	6.133	ng		
10) Phenol	7.283	94	30618	8.268	ng		95
11) bis(2-Chloroethyl)ether	7.495	93	21287	7.708	ng		97
12) 1,3-Dichlorobenzene	7.976	146	23917	7.773	ng		96
13) 1,4-Dichlorobenzene	8.123	146	24674	7.947	ng		96
14) 1,2-Dichlorobenzene	8.446	146	24505	8.405	ng		92
15) Benzyl Alcohol	8.323	79	24137m	7.625	ng		
16) 2,2'-oxybis(1-Chloropr...	8.617	45	36275	8.070	ng		100
17) 2-Methylphenol	8.528	107	20023	8.000	ng		94
18) Hexachloroethane	9.169	117	8977	7.614	ng		99
19) n-Nitroso-di-n-propyla...	8.881	70	20440	7.524	ng		90
20) 3+4-Methylphenols	8.857	107	26912	7.613	ng		97
22) Acetophenone	8.904	105	35633	7.996	ng	#	97
24) Nitrobenzene	9.292	77	31784	8.585	ng		99
25) Isophorone	9.809	82	54908	8.529	ng		99
26) 2-Nitrophenol	10.009	139	12231	8.157	ng		98
27) 2,4-Dimethylphenol	10.068	122	21177	9.385	ng		95
28) bis(2-Chloroethoxy)met...	10.285	93	29701	8.022	ng		94
29) 2,4-Dichlorophenol	10.555	162	23575	8.656	ng		95
30) 1,2,4-Trichlorobenzene	10.761	180	26818	8.667	ng		88
31) Naphthalene	10.949	128	70657	8.531	ng		97
32) Benzoic acid	10.226	122	8888m	13.673	ng		
33) 4-Chloroaniline	11.054	127	20178	5.817	ng		99
34) Hexachlorobutadiene	11.231	225	19515	8.505	ng		99
35) Caprolactam	11.806	113	6757	6.827	ng	#	91
36) 4-Chloro-3-methylphenol	12.176	107	26320	8.079	ng		96
37) 2-Methylnaphthalene	12.547	142	50071	8.101	ng		98
38) 1-Methylnaphthalene	12.764	142	48245	8.000	ng		98
40) 1,2,4,5-Tetrachloroben...	12.917	216	33324	9.552	ng		98
41) Hexachlorocyclopentadiene	12.893	237	1974	10.072	ng		93
43) 2,4,6-Trichlorophenol	13.157	196	20173	8.859	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	21807	8.998	ng		96
46) 1,1'-Biphenyl	13.545	154	68126	9.030	ng		99
47) 2-Chloronaphthalene	13.592	162	55132	9.328	ng		96
48) 2-Nitroaniline	13.792	65	18565	8.429	ng		94
49) Acenaphthylene	14.438	152	86079	9.126	ng		99
50) Dimethylphthalate	14.156	163	66324	7.886	ng		96
51) 2,6-Dinitrotoluene	14.279	165	13784	8.044	ng		97
52) Acenaphthene	14.779	154	49111	8.737	ng		100
53) 3-Nitroaniline	14.614	138	11989	6.476	ng		89
54) 2,4-Dinitrophenol	14.843	184	1099	7.176	ng	#	75
55) Dibenzofuran	15.108	168	84196	8.339	ng		98
56) 4-Nitrophenol	14.943	139	18925	14.312	ng		97
57) 2,4-Dinitrotoluene	15.073	165	18354	7.390	ng	#	86
58) Fluorene	15.760	166	67417	8.321	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.343	232	18450	7.503	ng	#	98
60) Diethylphthalate	15.513	149	66484	7.653	ng		97
61) 4-Chlorophenyl-phenyle...	15.742	204	34879	7.715	ng		96
62) 4-Nitroaniline	15.772	138	14022	7.302	ng		94
63) Azobenzene	16.036	77	67129	7.546	ng		98
65) 4,6-Dinitro-2-methylph...	15.842	198	1713	1.251	ng		85
66) n-Nitrosodiphenylamine	15.960	169	56708	9.395	ng		95
67) 4-Bromophenyl-phenylether	16.641	248	23794	8.862	ng		96
68) Hexachlorobenzene	16.770	284	26401	8.979	ng		95
69) Atrazine	16.899	200	22568	8.882	ng		96
70) Pentachlorophenol	17.117	266	22226m	17.870	ng		
71) Phenanthrene	17.499	178	124817	10.678	ng		97
72) Anthracene	17.593	178	110332	9.603	ng		98
73) Carbazole	17.857	167	92578	8.222	ng		97
74) Di-n-butylphthalate	18.403	149	103542	8.176	ng		97
75) Fluoranthene	19.508	202	159490	10.537	ng		99
77) Benzidine	19.684	184	27518m	6.189	ng		
78) Pyrene	19.872	202	154858	11.596	ng		99
80) Butylbenzylphthalate	20.741	149	42314	8.641	ng		92
81) Benzo(a)anthracene	21.722	228	128422	9.760	ng		99
82) 3,3'-Dichlorobenzidine	21.628	252	31923	9.567	ng		99
83) Chrysene	21.787	228	117814	9.587	ng		97
84) Bis(2-ethylhexyl)phtha...	21.605	149	60297	8.921	ng	#	99
85) Di-n-octyl phthalate	22.833	149	100824	8.822	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.789	276	95301	6.531	ng	#	95
88) Benzo(b)fluoranthene	23.978	252	123864	9.989	ng		99
89) Benzo(k)fluoranthene	24.049	252	112290	9.215	ng		98
90) Benzo(a)pyrene	24.865	252	115161	10.911	ng	#	99
91) Dibenzo(a,h)anthracene	28.830	278	82073	6.826	ng		98
92) Benzo(g,h,i)perylene	29.964	276	74444	6.247	ng		96

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

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