Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053557.D
Acq On : 14 May 2022 00:18
Operator : CG/JU
Sample : N2829-01MS 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-051222MS

Manual Integrations APPROVED

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

Quant Time: May 14 03:15:44 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	8.088	152	42345	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	162446	20.000	ng		0.00
39) Acenaphthene-d10	14.714	164	112358	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	235423	20.000	ng		0.00
76) Chrysene-d12	21.740	240	209997	20.000	ng		0.00
86) Perylene-d12	25.024	264	208146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	28578	11.454	ng		0.00
7) Phenol-d6	7.253	99	44245	11.684	ng		0.00
23) Nitrobenzene-d5	9.245	82	30208	7.916	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	17954	10.834	ng		0.00
45) 2-Fluorobiphenyl	13.333	172	68062	8.852	ng		0.00
79) Terphenyl-d14	20.060	244	99769	8.849	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	7051	5.386	ng	#	85
3) Pyridine	3.946	79	16134m	5.046	ng		
4) n-Nitrosodimethylamine	3.852	42	11093	7.123	ng	#	84
6) Aniline	7.406	93	26606	6.344	ng		97
8) 2-Chlorophenol	7.653	128	21822	8.366	ng		93
9) Benzaldehyde	7.224	77	14595m	6.067	ng		
10) Phenol	7.277	94	31281	8.446	ng		97
11) bis(2-Chloroethyl)ether	7.494	93	20772	7.520	ng		91
12) 1,3-Dichlorobenzene	7.976	146	23635	7.681	ng		96
13) 1,4-Dichlorobenzene	8.123	146	23518	7.574	ng		97
14) 1,2-Dichlorobenzene	8.440	146	24489	8.399	ng		92
15) Benzyl Alcohol	8.323	79	24400m	7.707	ng		
16) 2,2'-oxybis(1-Chloropr...	8.605	45	35208	7.832	ng		99
17) 2-Methylphenol	8.528	107	20678	8.261	ng		94
18) Hexachloroethane	9.174	117	9726	8.248	ng		93
19) n-Nitroso-di-n-propyla...	8.881	70	20984	7.723	ng		96
20) 3+4-Methylphenols	8.857	107	27275	7.715	ng		96
22) Acetophenone	8.904	105	37484	8.431	ng	#	93
24) Nitrobenzene	9.292	77	31493	8.527	ng		98
25) Isophorone	9.809	82	55220	8.598	ng		98
26) 2-Nitrophenol	10.003	139	11802	7.889	ng		96
27) 2,4-Dimethylphenol	10.067	122	21477	9.540	ng		92
28) bis(2-Chloroethoxy)met...	10.291	93	29266	7.923	ng		96
29) 2,4-Dichlorophenol	10.555	162	24653	9.073	ng		95
30) 1,2,4-Trichlorobenzene	10.760	180	27406	8.878	ng		96
31) Naphthalene	10.948	128	71734	8.681	ng		99
32) Benzoic acid	10.226	122	9061m	13.786	ng		
33) 4-Chloroaniline	11.054	127	20763	6.000	ng		97
34) Hexachlorobutadiene	11.230	225	19791	8.645	ng		99
35) Caprolactam	11.806	113	6290	6.370	ng	#	82
36) 4-Chloro-3-methylphenol	12.176	107	25332	7.794	ng	#	96
37) 2-Methylnaphthalene	12.546	142	50051	8.116	ng		96
38) 1-Methylnaphthalene	12.764	142	49264	8.188	ng		98
40) 1,2,4,5-Tetrachloroben...	12.916	216	34654	9.785	ng		98
41) Hexachlorocyclopentadiene	12.893	237	3526	11.010	ng		89
43) 2,4,6-Trichlorophenol	13.151	196	20840	9.015	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	22088	8.977	ng		94
46) 1,1'-Biphenyl	13.545	154	68500	8.944	ng		97
47) 2-Chloronaphthalene	13.592	162	54031	9.004	ng		98
48) 2-Nitroaniline	13.792	65	18229	8.153	ng		95
49) Acenaphthylene	14.432	152	87677	9.157	ng		98
50) Dimethylphthalate	14.156	163	66974	7.844	ng		98
51) 2,6-Dinitrotoluene	14.279	165	13818	7.944	ng		92
52) Acenaphthene	14.773	154	49246	8.630	ng		96
53) 3-Nitroaniline	14.614	138	12088	6.431	ng		94
54) 2,4-Dinitrophenol	14.843	184	2202	8.083	ng	#	86
55) Dibenzofuran	15.108	168	85061	8.299	ng		100
56) 4-Nitrophenol	14.937	139	19157	14.270	ng		95
57) 2,4-Dinitrotoluene	15.066	165	18809	7.460	ng	#	91
58) Fluorene	15.754	166	69243	8.418	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.343	232	17872	7.159	ng	#	96
60) Diethylphthalate	15.513	149	67030	7.600	ng		98
61) 4-Chlorophenyl-phenyle...	15.742	204	37393	8.147	ng		99
62) 4-Nitroaniline	15.771	138	13559m	6.955	ng		
63) Azobenzene	16.036	77	69134	7.655	ng		98
66) n-Nitrosodiphenylamine	15.953	169	56249	9.100	ng		95
67) 4-Bromophenyl-phenylether	16.641	248	23842	8.671	ng		94
68) Hexachlorobenzene	16.770	284	25754	8.553	ng		97
69) Atrazine	16.899	200	22852	8.782	ng		100
70) Pentachlorophenol	17.117	266	23494	18.296	ng		90
71) Phenanthrene	17.498	178	127037	10.612	ng		96
72) Anthracene	17.587	178	108956	9.260	ng		98
73) Carbazole	17.857	167	93689	8.125	ng		98
74) Di-n-butylphthalate	18.403	149	104881	8.087	ng		98
75) Fluoranthene	19.507	202	163417	10.543	ng		99
77) Benzidine	19.684	184	24509m	5.415	ng		
78) Pyrene	19.872	202	160438	11.802	ng		96
80) Butylbenzylphthalate	20.741	149	42367	8.499	ng		99
81) Benzo(a)anthracene	21.716	228	132213	9.871	ng		99
82) 3,3'-Dichlorobenzidine	21.628	252	31297	9.214	ng		96
83) Chrysene	21.787	228	119819	9.578	ng		99
84) Bis(2-ethylhexyl)phtha...	21.610	149	59838	8.697	ng	#	99
85) Di-n-octyl phthalate	22.832	149	99907	8.587	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.789	276	108710	7.499	ng	#	97
88) Benzo(b)fluoranthene	23.972	252	126145	10.239	ng	#	98
89) Benzo(k)fluoranthene	24.043	252	116650	9.635	ng	#	96
90) Benzo(a)pyrene	24.865	252	119581	11.403	ng	#	99
91) Dibenzo(a,h)anthracene	28.830	278	89276	7.474	ng		98
92) Benzo(g,h,i)perylene	29.958	276	83231	7.029	ng		99

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

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