Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053609.D
Acq On : 18 May 2022 18:46
Operator : CG/JU
Sample : N2858-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

Quant Time: May 19 05:12:27 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	24689	20.000	ng		0.00
21) Naphthalene-d8	10.889	136	98213	20.000	ng		0.00
39) Acenaphthene-d10	14.708	164	78090	20.000	ng		0.00
64) Phenanthrene-d10	17.451	188	194463	20.000	ng		0.00
76) Chrysene-d12	21.733	240	191982	20.000	ng		0.00
86) Perylene-d12	25.011	264	196727	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	206267	141.789	ng		0.00
7) Phenol-d6	7.247	99	292966	132.696	ng		0.00
23) Nitrobenzene-d5	9.244	82	219548	95.159	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	167260	145.224	ng		0.00
45) 2-Fluorobiphenyl	13.327	172	484627	90.687	ng		0.00
79) Terphenyl-d14	20.053	244	998881	96.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	31010	40.627	ng	#	41
3) Pyridine	3.946	79	73357m	39.353	ng		
4) n-Nitrosodimethylamine	3.840	42	50062	55.132	ng		95
6) Aniline	7.412	93	108584	44.405	ng		98
8) 2-Chlorophenol	7.653	128	86705	57.013	ng		99
9) Benzaldehyde	7.212	77	44356m	31.624	ng		
10) Phenol	7.277	94	112345	52.028	ng		96
11) bis(2-Chloroethyl)ether	7.488	93	89846	55.790	ng		97
12) 1,3-Dichlorobenzene	7.970	146	88310m	49.222	ng		
13) 1,4-Dichlorobenzene	8.117	146	87592	48.381	ng		99
14) 1,2-Dichlorobenzene	8.434	146	86773	51.040	ng		99
15) Benzyl Alcohol	8.322	79	105314m	57.056	ng		
16) 2,2'-oxybis(1-Chloropr...	8.604	45	133643	50.988	ng		99
17) 2-Methylphenol	8.528	107	80331	55.042	ng		95
18) Hexachloroethane	9.162	117	33488	48.709	ng		96
19) n-Nitroso-di-n-propyla...	8.886	70	80991	51.128	ng		99
20) 3+4-Methylphenols	8.857	107	111038	53.870	ng		97
22) Acetophenone	8.904	105	142475	53.005	ng		99
24) Nitrobenzene	9.286	77	124437	55.725	ng		99
25) Isophorone	9.814	82	216133	55.663	ng		98
26) 2-Nitrophenol	10.002	139	48410	53.525	ng		95
27) 2,4-Dimethylphenol	10.061	122	86434	63.503	ng		92
28) bis(2-Chloroethoxy)met...	10.284	93	114628	51.330	ng		98
29) 2,4-Dichlorophenol	10.549	162	96727	58.882	ng		94
30) 1,2,4-Trichlorobenzene	10.754	180	95997	51.433	ng		96
31) Naphthalene	10.942	128	260462	52.136	ng		100
32) Benzoic acid	10.302	122	72523m	78.656	ng		
33) 4-Chloroaniline	11.077	127	36013	17.213	ng	#	96
34) Hexachlorobutadiene	11.224	225	70041	50.607	ng		99
35) Caprolactam	11.847	113	29946	50.164	ng	#	87
36) 4-Chloro-3-methylphenol	12.182	107	114112	58.073	ng		97
37) 2-Methylnaphthalene	12.540	142	193206	51.822	ng		99
38) 1-Methylnaphthalene	12.757	142	188163	51.728	ng		95
40) 1,2,4,5-Tetrachloroben...	12.910	216	124790	50.697	ng		98
41) Hexachlorocyclopentadiene	12.887	237	91466	89.986	ng		98
43) 2,4,6-Trichlorophenol	13.145	196	91474	56.931	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.233	196	97355	56.931	ng		99
46)	1,1'-Biphenyl	13.539	154	273665	51.413	ng		97
47)	2-Chloronaphthalene	13.586	162	216371	51.883	ng		98
48)	2-Nitroaniline	13.791	65	88021	56.643	ng		99
49)	Acenaphthylene	14.432	152	369246	55.486	ng		99
50)	Dimethylphthalate	14.155	163	309896	52.223	ng		99
51)	2,6-Dinitrotoluene	14.279	165	67611	55.925	ng		95
52)	Acenaphthene	14.772	154	205293	51.764	ng		97
53)	3-Nitroaniline	14.614	138	49663	38.019	ng		95
54)	2,4-Dinitrophenol	14.825	184	43476	58.475	ng		98
55)	Dibenzofuran	15.107	168	362591	50.900	ng		98
56)	4-Nitrophenol	14.937	139	97358	104.349	ng		85
57)	2,4-Dinitrotoluene	15.072	165	98252	56.067	ng		90
58)	Fluorene	15.753	166	299860	52.455	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.336	232	94432	54.426	ng		100
60)	Diethylphthalate	15.512	149	322628	52.633	ng		98
61)	4-Chlorophenyl-phenyle...	15.736	204	164577	51.593	ng		96
62)	4-Nitroaniline	15.777	138	71504	52.775	ng		96
63)	Azobenzene	16.035	77	324046	51.625	ng		98
65)	4,6-Dinitro-2-methylph...	15.841	198	47275	40.798	ng		94
66)	n-Nitrosodiphenylamine	15.953	169	272681	53.407	ng		99
67)	4-Bromophenyl-phenylether	16.634	248	118036	51.973	ng		97
68)	Hexachlorobenzene	16.764	284	131165	52.734	ng		99
69)	Atrazine	16.899	200	114621	53.327	ng		97
70)	Pentachlorophenol	17.110	266	122562	90.831	ng		93
71)	Phenanthrene	17.498	178	517921	52.378	ng		97
72)	Anthracene	17.586	178	525186	54.036	ng		99
73)	Carbazole	17.856	167	486361	51.060	ng		99
74)	Di-n-butylphthalate	18.403	149	560936	52.361	ng		100
75)	Fluoranthene	19.501	202	664653	51.913	ng		99
77)	Benzidine	19.677	184	407289	98.428	ng		99
78)	Pyrene	19.865	202	657671	52.919	ng		100
80)	Butylbenzylphthalate	20.741	149	245267	53.819	ng		99
81)	Benzo(a)anthracene	21.716	228	657446	53.691	ng		99
82)	3,3'-Dichlorobenzidine	21.622	252	169872	54.706	ng		97
83)	Chrysene	21.780	228	596487	52.157	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.604	149	349047	55.492	ng		100
85)	Di-n-octyl phthalate	22.826	149	589671	55.439	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.777	276	723617	52.813	ng	#	99
88)	Benzo(b)fluoranthene	23.972	252	678093	58.232	ng		99
89)	Benzo(k)fluoranthene	24.042	252	635976	55.579	ng		98
90)	Benzo(a)pyrene	24.865	252	647035	65.283	ng		99
91)	Dibenzo(a,h)anthracene	28.830	278	628721	55.688	ng		98
92)	Benzo(g,h,i)perylene	29.952	276	626604	55.991	ng		97

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

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