Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053556.D
Acq On : 13 May 2022 23:39
Operator : CG/JU
Sample : N2829-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-051222

Manual Integrations APPROVED

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

Quant Time: May 14 03:15:32 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	39664	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	155896	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	108677	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	226594	20.000	ng	0.00
76) Chrysene-d12	21.734	240	206569	20.000	ng	0.00
86) Perylene-d12	25.018	264	215256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	28981	12.400	ng	0.00
7) Phenol-d6	7.248	99	44910	12.662	ng	0.00
23) Nitrobenzene-d5	9.245	82	31017	8.469	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	18513	11.550	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	71183	9.571	ng	0.00
79) Terphenyl-d14	20.054	244	102662	9.256	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.535	88	7524	6.136	ng	94
3) Pyridine	3.947	79	16400m	5.476	ng	
4) n-Nitrosodimethylamine	3.853	42	10746	7.366	ng	96
6) Aniline	7.407	93	25147	6.401	ng	94
8) 2-Chlorophenol	7.653	128	21021	8.604	ng	89
9) Benzaldehyde	7.219	77	13988	6.208	ng	97
10) Phenol	7.277	94	30562	8.810	ng	93
11) bis(2-Chloroethyl)ether	7.495	93	21168	8.182	ng	99
12) 1,3-Dichlorobenzene	7.976	146	23154	8.033	ng	97
13) 1,4-Dichlorobenzene	8.123	146	23741	8.162	ng	99
14) 1,2-Dichlorobenzene	8.440	146	22563	8.261	ng	95
15) Benzyl Alcohol	8.323	79	24248m	8.177	ng	
16) 2,2'-oxybis(1-Chloropr...	8.605	45	33759	8.017	ng	92
17) 2-Methylphenol	8.534	107	20030	8.543	ng	96
18) Hexachloroethane	9.175	117	9096	8.235	ng	94
19) n-Nitroso-di-n-propyla...	8.881	70	20077	7.889	ng	98
20) 3+4-Methylphenols	8.858	107	26673	8.055	ng	95
22) Acetophenone	8.905	105	34465	8.078	ng	97
24) Nitrobenzene	9.286	77	30309	8.551	ng	95
25) Isophorone	9.809	82	52156	8.462	ng	98
26) 2-Nitrophenol	10.009	139	11421	7.955	ng	92
27) 2,4-Dimethylphenol	10.062	122	20755	9.606	ng	97
28) bis(2-Chloroethoxy)met...	10.291	93	28489	8.037	ng	97
29) 2,4-Dichlorophenol	10.549	162	22583	8.661	ng	91
30) 1,2,4-Trichlorobenzene	10.755	180	25971	8.766	ng	94
31) Naphthalene	10.949	128	65943	8.316	ng	99
32) Benzoic acid	10.226	122	7633m	13.138	ng	
33) 4-Chloroaniline	11.055	127	19268	5.802	ng	96
34) Hexachlorobutadiene	11.231	225	18697	8.511	ng	95
35) Caprolactam	11.801	113	6283	6.631	ng	93
36) 4-Chloro-3-methylphenol	12.177	107	24571	7.878	ng	94
37) 2-Methylnaphthalene	12.541	142	48965	8.274	ng	96
38) 1-Methylnaphthalene	12.764	142	46630	8.076	ng	99
40) 1,2,4,5-Tetrachloroben...	12.917	216	31982	9.336	ng	98
41) Hexachlorocyclopentadiene	12.887	237	6696	13.105	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	19562	8.748	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	19873	8.351	ng		97
46) 1,1'-Biphenyl	13.545	154	65766	8.878	ng		98
47) 2-Chloronaphthalene	13.586	162	51680	8.904	ng		99
48) 2-Nitroaniline	13.792	65	17262	7.982	ng		91
49) Acenaphthylene	14.432	152	83111	8.974	ng		99
50) Dimethylphthalate	14.156	163	65085	7.881	ng		99
51) 2,6-Dinitrotoluene	14.280	165	13666	8.122	ng		97
52) Acenaphthene	14.773	154	48185	8.730	ng		99
53) 3-Nitroaniline	14.614	138	10932	6.013	ng		95
54) 2,4-Dinitrophenol	14.826	184	4842	10.424	ng	#	83
55) Dibenzofuran	15.108	168	80316	8.101	ng		100
56) 4-Nitrophenol	14.938	139	17823	13.726	ng		95
57) 2,4-Dinitrotoluene	15.067	165	18449	7.565	ng	#	84
58) Fluorene	15.754	166	65267	8.204	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.337	232	18601	7.703	ng	#	99
60) Diethylphthalate	15.513	149	64177	7.523	ng		98
61) 4-Chlorophenyl-phenyle...	15.742	204	34656	7.807	ng		96
62) 4-Nitroaniline	15.772	138	12148	6.443	ng		93
63) Azobenzene	16.036	77	66495	7.612	ng		99
65) 4,6-Dinitro-2-methylph...	15.836	198	6090	4.510	ng		98
66) n-Nitrosodiphenylamine	15.954	169	53780	9.040	ng		99
67) 4-Bromophenyl-phenylether	16.635	248	22726	8.588	ng		95
68) Hexachlorobenzene	16.764	284	25234	8.707	ng		97
69) Atrazine	16.900	200	21408	8.548	ng		93
70) Pentachlorophenol	17.117	266	21315m	17.513	ng		
71) Phenanthrene	17.499	178	122627	10.643	ng		99
72) Anthracene	17.587	178	105314	9.299	ng		97
73) Carbazole	17.857	167	89679	8.080	ng		97
74) Di-n-butylphthalate	18.403	149	102498	8.211	ng		97
75) Fluoranthene	19.502	202	162096	10.865	ng		99
77) Benzidine	19.684	184	16744	3.761	ng		98
78) Pyrene	19.866	202	159680	11.941	ng		99
80) Butylbenzylphthalate	20.741	149	42098	8.585	ng		96
81) Benzo(a)anthracene	21.717	228	132982	10.093	ng		97
82) 3,3'-Dichlorobenzidine	21.623	252	29629	8.868	ng	#	92
83) Chrysene	21.781	228	119052	9.675	ng		100
84) Bis(2-ethylhexyl)phtha...	21.605	149	58864	8.697	ng	#	96
85) Di-n-octyl phthalate	22.827	149	100578	8.788	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.778	276	125641	8.380	ng	#	94
88) Benzo(b)fluoranthene	23.972	252	130513	10.243	ng		97
89) Benzo(k)fluoranthene	24.037	252	110970	8.863	ng		98
90) Benzo(a)pyrene	24.859	252	122388	11.285	ng	#	98
91) Dibenzo(a,h)anthracene	28.836	278	102706	8.314	ng		96
92) Benzo(g,h,i)perylene	29.947	276	99597	8.134	ng		95

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

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