Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053259.D
Acq On : 22 Apr 2022 13:44
Operator : CG/JU
Sample : N2494-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1DMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:14:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	26515	20.000	ng		0.00
21) Naphthalene-d8	10.924	136	105503	20.000	ng		0.00
39) Acenaphthene-d10	14.737	164	84133	20.000	ng		0.00
64) Phenanthrene-d10	17.480	188	203770	20.000	ng		0.00
76) Chrysene-d12	21.768	240	196182	20.000	ng		0.00
86) Perylene-d12	25.064	264	205125	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	172361	111.431	ng		0.00
7) Phenol-d6	7.276	99	251861	105.588	ng		0.00
23) Nitrobenzene-d5	9.273	82	172374	66.339	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	137581	102.786	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	396830	65.039	ng		0.00
79) Terphenyl-d14	20.082	244	798448	68.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	28884	39.102	ng		93
3) Pyridine	3.951	79	74070	38.019	ng	#	83
4) n-Nitrosodimethylamine	3.863	42	48478	50.248	ng		87
6) Aniline	7.429	93	67208	24.312	ng		94
8) 2-Chlorophenol	7.676	128	88323	52.891	ng		92
9) Benzaldehyde	7.241	77	66680m	46.766	ng		
10) Phenol	7.300	94	125655	52.922	ng		91
11) bis(2-Chloroethyl)ether	7.523	93	82970	48.476	ng		94
12) 1,3-Dichlorobenzene	7.999	146	92724m	47.785	ng		
13) 1,4-Dichlorobenzene	8.146	146	94033	47.533	ng		97
14) 1,2-Dichlorobenzene	8.469	146	91316	47.868	ng		99
15) Benzyl Alcohol	8.345	79	102594	48.389	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.639	45	129382	45.278	ng		95
17) 2-Methylphenol	8.557	107	82160	51.135	ng		96
18) Hexachloroethane	9.197	117	36266	48.886	ng		97
19) n-Nitroso-di-n-propyla...	8.909	70	80193	45.921	ng		97
20) 3+4-Methylphenols	8.880	107	112902	49.777	ng		92
22) Acetophenone	8.933	105	141369	48.299	ng	#	96
24) Nitrobenzene	9.315	77	122482	48.462	ng		90
25) Isophorone	9.837	82	218617	49.500	ng	#	96
26) 2-Nitrophenol	10.031	139	51520	48.749	ng	#	93
27) 2,4-Dimethylphenol	10.090	122	87445	57.774	ng		92
28) bis(2-Chloroethoxy)met...	10.313	93	117262	47.260	ng		98
29) 2,4-Dichlorophenol	10.572	162	99308	52.191	ng		99
30) 1,2,4-Trichlorobenzene	10.783	180	100839	46.824	ng		96
31) Naphthalene	10.971	128	274032	48.684	ng		99
32) Benzoic acid	10.254	122	53615	53.942	ng	#	87
33) 4-Chloroaniline	11.077	127	34316	14.236	ng		97
34) Hexachlorobutadiene	11.259	225	75212	47.015	ng		97
35) Caprolactam	11.852	113	31975m	47.674	ng		
36) 4-Chloro-3-methylphenol	12.199	107	111607	50.382	ng		99
37) 2-Methylnaphthalene	12.569	142	199663	47.938	ng	#	93
38) 1-Methylnaphthalene	12.792	142	191136	47.014	ng		93
40) 1,2,4,5-Tetrachloroben...	12.939	216	130967	45.833	ng		99
41) Hexachlorocyclopentadiene	12.921	237	143151	97.047	ng		92
43) 2,4,6-Trichlorophenol	13.174	196	93355	47.385	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.250	196	99575	47.430	ng		94
46)	1,1'-Biphenyl	13.568	154	279800	46.181	ng		100
47)	2-Chloronaphthalene	13.615	162	218316	45.165	ng		96
48)	2-Nitroaniline	13.814	65	84712	46.179	ng		96
49)	Acenaphthylene	14.461	152	372917	49.283	ng		98
50)	Dimethylphthalate	14.184	163	306883	45.604	ng		100
51)	2,6-Dinitrotoluene	14.302	165	63660	45.347	ng	#	80
52)	Acenaphthene	14.801	154	275716m	53.731	ng		
53)	3-Nitroaniline	14.631	138	24486	16.495	ng		92
54)	2,4-Dinitrophenol	14.848	184	88915	99.542	ng	#	86
55)	Dibenzofuran	15.130	168	364414	45.353	ng		99
56)	4-Nitrophenol	14.954	139	111298	98.308	ng	#	73
57)	2,4-Dinitrotoluene	15.095	165	96067	48.066	ng		91
58)	Fluorene	15.782	166	297552	45.851	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.365	232	95098	46.644	ng		98
60)	Diethylphthalate	15.541	149	317714	45.062	ng		98
61)	4-Chlorophenyl-phenyle...	15.765	204	164270	44.653	ng		99
62)	4-Nitroaniline	15.800	138	68343	43.630	ng	#	83
63)	Azobenzene	16.064	77	314200	44.200	ng		98
65)	4,6-Dinitro-2-methylph...	15.859	198	63696	44.804	ng		97
66)	n-Nitrosodiphenylamine	15.982	169	271315	46.301	ng		96
67)	4-Bromophenyl-phenylether	16.663	248	120214	46.041	ng		94
68)	Hexachlorobenzene	16.793	284	133868	47.343	ng		95
69)	Atrazine	16.928	200	119760	52.321	ng		96
70)	Pentachlorophenol	17.139	266	157199	101.724	ng		93
71)	Phenanthrene	17.521	178	517052	46.454	ng		98
72)	Anthracene	17.615	178	527089	47.801	ng		99
73)	Carbazole	17.879	167	483926	45.148	ng		99
74)	Di-n-butylphthalate	18.432	149	551529	45.369	ng		99
75)	Fluoranthene	19.530	202	649915	45.553	ng		98
77)	Benzidine	19.700	184	250492	44.752	ng		98
78)	Pyrene	19.894	202	650312	46.544	ng		97
80)	Butylbenzylphthalate	20.764	149	233149	44.759	ng		97
81)	Benzo(a)anthracene	21.745	228	627413	46.775	ng		99
82)	3,3'-Dichlorobenzidine	21.651	252	98378	19.943	ng		100
83)	Chrysene	21.815	228	572630	45.999	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.633	149	324300	46.058	ng		97
85)	Di-n-octyl phthalate	22.867	149	545806	46.350	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	28.847	276	697879	45.794	ng	#	95
88)	Benzo(b)fluoranthene	24.018	252	627789	48.507	ng		97
89)	Benzo(k)fluoranthene	24.083	252	623726	49.036	ng		99
90)	Benzo(a)pyrene	24.911	252	612987	55.597	ng		97
91)	Dibenzo(a,h)anthracene	28.906	278	616696	49.166	ng		97
92)	Benzo(g,h,i)perylene	30.034	276	606004	49.018	ng		98

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

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