Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057584.D
Acq On : 26 May 2023 13:57
Operator : CG/JU
Sample : 02913-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 26 15:06:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-70AMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.348	152	23300	20.000	ng		0.00
21) Naphthalene-d8	11.191	136	88642	20.000	ng		0.00
39) Acenaphthene-d10	14.969	164	64494	20.000	ng		0.00
64) Phenanthrene-d10	17.712	188	160311	20.000	ng		0.00
76) Chrysene-d12	22.018	240	142517	20.000	ng		0.00
86) Perylene-d12	25.525	264	155012	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.875	112	186020	136.570	ng		0.00
7) Phenol-d6	7.502	99	248808	120.291	ng		0.00
23) Nitrobenzene-d5	9.535	82	183270	86.776	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	141752	154.903	ng		0.00
45) 2-Fluorobiphenyl	13.594	172	423867	88.514	ng		0.00
79) Terphenyl-d14	20.279	244	773641	88.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.678	88	22090	39.223	ng	#	29
3) Pyridine	4.113	79	55845	30.855	ng		96
4) n-Nitrosodimethylamine	4.007	42	31925	37.535	ng	#	75
6) Aniline	7.667	93	78052	29.746	ng		98
8) 2-Chlorophenol	7.913	128	72504	50.375	ng		99
9) Benzaldehyde	7.479	77	48197	44.771	ng		99
10) Phenol	7.532	94	86394	42.848	ng		93
11) bis(2-Chloroethyl)ether	7.755	93	68203	44.858	ng		96
12) 1,3-Dichlorobenzene	8.237	146	75328	47.420	ng		96
13) 1,4-Dichlorobenzene	8.383	146	77146	48.348	ng		93
14) 1,2-Dichlorobenzene	8.712	146	74626	48.447	ng		96
15) Benzyl Alcohol	8.595	79	79095	45.902	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.865	45	84969	44.339	ng		96
17) 2-Methylphenol	8.795	107	63499	43.688	ng		98
18) Hexachloroethane	9.447	117	27551	47.846	ng		96
19) n-Nitroso-di-n-propyla...	9.159	70	63939	40.540	ng		98
20) 3+4-Methylphenols	9.129	107	88852	44.645	ng		95
22) Acetophenone	9.182	105	118085	46.544	ng		94
24) Nitrobenzene	9.576	77	92540	43.412	ng		92
25) Isophorone	10.099	82	171561	41.892	ng		99
26) 2-Nitrophenol	10.293	139	42601	52.210	ng		95
27) 2,4-Dimethylphenol	10.340	122	74383	52.061	ng		99
28) bis(2-Chloroethoxy)met...	10.569	93	94191	45.909	ng		99
29) 2,4-Dichlorophenol	10.839	162	78773	51.982	ng		94
30) 1,2,4-Trichlorobenzene	11.050	180	82347	47.114	ng		98
31) Naphthalene	11.238	128	222465	46.944	ng		98
32) Benzoic acid	10.504	122	29888	37.429	ng		96
33) 4-Chloroaniline	11.350	127	43192	20.295	ng		98
34) Hexachlorobutadiene	11.509	225	57054	43.992	ng		98
35) Caprolactam	12.125	113	21938m	42.381	ng		
36) 4-Chloro-3-methylphenol	12.448	107	86311	50.120	ng		98
37) 2-Methylnaphthalene	12.819	142	165657	44.461	ng		94
38) 1-Methylnaphthalene	13.036	142	154777	44.072	ng		99
40) 1,2,4,5-Tetrachloroben...	13.183	216	111988	48.912	ng		98
41) Hexachlorocyclopentadiene	13.153	237	81391	74.431	ng		99
43) 2,4,6-Trichlorophenol	13.418	196	74059	53.093	ng		96

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44)	2,4,5-Trichlorophenol	13.500	196	78599	47.903	ng		98
46)	1,1'-Biphenyl	13.805	154	234751	49.053	ng		98
47)	2-Chloronaphthalene	13.858	162	177856	49.977	ng		99
48)	2-Nitroaniline	14.058	65	60122	49.686	ng		92
49)	Acenaphthylene	14.698	152	284232	49.161	ng		98
50)	Dimethylphthalate	14.411	163	249543	47.085	ng		98
51)	2,6-Dinitrotoluene	14.540	165	56031	51.780	ng		88
52)	Acenaphthene	15.033	154	174529	48.308	ng		100
53)	3-Nitroaniline	14.875	138	33697	31.084	ng		95
54)	2,4-Dinitrophenol	15.098	184	58525	86.884	ng		95
55)	Dibenzofuran	15.368	168	288856	47.586	ng		98
56)	4-Nitrophenol	15.192	139	71332	98.935	ng		86
57)	2,4-Dinitrotoluene	15.333	165	80269	51.904	ng		92
58)	Fluorene	16.014	166	241897	48.379	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.591	232	77551	52.132	ng		99
60)	Diethylphthalate	15.750	149	251424	46.714	ng		98
61)	4-Chlorophenyl-phenyle...	15.985	204	138115	45.853	ng		95
62)	4-Nitroaniline	16.038	138	55790	51.014	ng		86
63)	Azobenzene	16.284	77	228763	44.052	ng		95
65)	4,6-Dinitro-2-methylph...	16.096	198	49471	51.688	ng		98
66)	n-Nitrosodiphenylamine	16.208	169	214672	49.304	ng		99
67)	4-Bromophenyl-phenylether	16.884	248	92186	47.106	ng		99
68)	Hexachlorobenzene	17.019	284	100806	53.007	ng		95
69)	Atrazine	17.136	200	97801	58.883	ng		98
70)	Pentachlorophenol	17.365	266	93473	85.285	ng		97
71)	Phenanthrene	17.753	178	405370	49.347	ng		99
72)	Anthracene	17.847	178	408648	48.482	ng		98
73)	Carbazole	18.111	167	371372	52.335	ng		99
74)	Di-n-butylphthalate	18.622	149	422198	51.712	ng	#	98
75)	Fluoranthene	19.744	202	479452	46.928	ng		98
77)	Benzidine	19.909	184	95858	30.086	ng		99
78)	Pyrene	20.103	202	492560	47.562	ng		99
80)	Butylbenzylphthalate	20.949	149	180513	54.935	ng		99
81)	Benzo(a)anthracene	22.000	228	487405	48.002	ng		99
82)	3,3'-Dichlorobenzidine	21.895	252	122130	37.552	ng		97
83)	Chrysene	22.071	228	445416	46.623	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.836	149	255316	52.515	ng		100
85)	Di-n-octyl phthalate	23.128	149	427477	52.741	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.590	276	548052	48.511	ng	#	99
88)	Benzo(b)fluoranthene	24.403	252	495832	48.932	ng		99
89)	Benzo(k)fluoranthene	24.473	252	472957	45.932	ng		99
90)	Benzo(a)pyrene	25.360	252	431335	43.571	ng		96
91)	Dibenzo(a,h)anthracene	29.637	278	457209	48.595	ng		97
92)	Benzo(g,h,i)perylene	30.859	276	446262	48.577	ng		98

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

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