Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056681.D
Acq On : 21 Feb 2023 11:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 14:03:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 21 14:02:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/22/2023
Supervised By :Jagrut Upadhyay
02/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.429	152	14758	20.000	ng		0.00
21) Naphthalene-d8	11.273	136	58858	20.000	ng		0.00
39) Acenaphthene-d10	15.033	164	45046	20.000	ng		0.00
64) Phenanthrene-d10	17.771	188	112872	20.000	ng		0.00
76) Chrysene-d12	22.090	240	103162	20.000	ng		0.00
86) Perylene-d12	25.621	264	114711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.932	112	76192	84.002	ng		0.00
7) Phenol-d6	7.554	99	112353	83.857	ng		0.00
23) Nitrobenzene-d5	9.604	82	119285	103.767	ng		0.00
42) 2,4,6-Tribromophenol	16.514	330	57907	93.893	ng		0.00
45) 2-Fluorobiphenyl	13.664	172	289479	86.052	ng		0.00
79) Terphenyl-d14	20.339	244	545287	86.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.752	88	15843	39.841	ng		97
3) Pyridine	4.169	79	52673	41.876	ng		90
4) n-Nitrosodimethylamine	4.075	42	28801	49.123	ng	#	79
6) Aniline	7.742	93	77887	41.829	ng		95
8) 2-Chlorophenol	7.982	128	36657	40.847	ng		92
9) Benzaldehyde	7.554	77	28710	40.519	ng		91
10) Phenol	7.577	94	58329	42.559	ng		96
11) bis(2-Chloroethyl)ether	7.830	93	43286	42.093	ng		92
12) 1,3-Dichlorobenzene	8.317	146	43421	40.610	ng		95
13) 1,4-Dichlorobenzene	8.464	146	43952	40.817	ng		95
14) 1,2-Dichlorobenzene	8.793	146	41697	40.286	ng		94
15) Benzyl Alcohol	8.658	79	52033	43.372	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.952	45	62965	45.607	ng		97
17) 2-Methylphenol	8.852	107	41086	42.658	ng		94
18) Hexachloroethane	9.534	117	15382	45.095	ng		94
19) n-Nitroso-di-n-propyla...	9.234	70	46792	46.650	ng		92
20) 3+4-Methylphenols	9.181	107	56953	43.046	ng		95
22) Acetophenone	9.257	105	76599	42.593	ng	#	96
24) Nitrobenzene	9.651	77	63165	47.221	ng		96
25) Isophorone	10.168	82	122788	43.889	ng		98
26) 2-Nitrophenol	10.362	139	23070	48.740	ng		92
27) 2,4-Dimethylphenol	10.403	122	44758	41.380	ng		97
28) bis(2-Chloroethoxy)met...	10.644	93	60790	42.636	ng		97
29) 2,4-Dichlorophenol	10.897	162	45668	42.600	ng		97
30) 1,2,4-Trichlorobenzene	11.126	180	53236	41.688	ng		95
31) Naphthalene	11.320	128	137825	42.251	ng		100
32) Benzoic acid	10.515	122	32558m	46.702	ng		
33) 4-Chloroaniline	11.414	127	60666	40.706	ng		98
34) Hexachlorobutadiene	11.596	225	38820	42.538	ng		94
35) Caprolactam	12.172	113	15176	44.015	ng	#	68
36) 4-Chloro-3-methylphenol	12.495	107	50827	42.994	ng		97
37) 2-Methylnaphthalene	12.894	142	108923	42.290	ng		99
38) 1-Methylnaphthalene	13.112	142	102333	42.579	ng		98
40) 1,2,4,5-Tetrachloroben...	13.247	216	73124	43.667	ng		100
41) Hexachlorocyclopentadiene	13.229	237	43971	48.413	ng		95
43) 2,4,6-Trichlorophenol	13.476	196	47322	46.577	ng		98

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44) 2,4,5-Trichlorophenol	13.547	196	54944	45.121	ng		98
46) 1,1'-Biphenyl	13.876	154	147517	43.231	ng		98
47) 2-Chloronaphthalene	13.928	162	115850	42.903	ng		98
48) 2-Nitroaniline	14.111	65	40842	51.493	ng		85
49) Acenaphthylene	14.763	152	186121	42.420	ng		98
50) Dimethylphthalate	14.475	163	162668	43.683	ng		99
51) 2,6-Dinitrotoluene	14.592	165	31612	43.838	ng	#	81
52) Acenaphthene	15.098	154	120422	44.495	ng		98
53) 3-Nitroaniline	14.927	138	34679	47.976	ng	#	96
54) 2,4-Dinitrophenol	15.121	184	20544	47.754	ng	#	92
55) Dibenzofuran	15.427	168	196073	42.883	ng		99
56) 4-Nitrophenol	15.198	139	26552	47.944	ng		86
57) 2,4-Dinitrotoluene	15.374	165	45755	50.381	ng	#	76
58) Fluorene	16.073	166	156113	43.183	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.644	232	50765m	47.567	ng		
60) Diethylphthalate	15.820	149	163675	43.574	ng		100
61) 4-Chlorophenyl-phenyle...	16.055	204	95723	43.342	ng		98
62) 4-Nitroaniline	16.079	138	36410	48.332	ng		89
63) Azobenzene	16.349	77	171032	45.495	ng		97
65) 4,6-Dinitro-2-methylph...	16.132	198	29101	49.927	ng		93
66) n-Nitrosodiphenylamine	16.267	169	142616	43.433	ng		98
67) 4-Bromophenyl-phenylether	16.948	248	63754	43.994	ng		93
68) Hexachlorobenzene	17.078	284	64182	43.471	ng		98
69) Atrazine	17.201	200	55762	44.225	ng		96
70) Pentachlorophenol	17.407	266	47374	48.451	ng		95
71) Phenanthrene	17.812	178	266828	43.452	ng		99
72) Anthracene	17.906	178	274325	43.658	ng		99
73) Carbazole	18.165	167	227009	41.910	ng		97
74) Di-n-butylphthalate	18.693	149	258609	42.663	ng		99
75) Fluoranthene	19.798	202	338618	41.791	ng		98
77) Benzidine	19.963	184	117053	47.440	ng		100
78) Pyrene	20.156	202	338184	43.407	ng		99
80) Butylbenzylphthalate	21.020	149	109351	46.740	ng		96
81) Benzo(a)anthracene	22.066	228	330270	43.049	ng		97
82) 3,3'-Dichlorobenzidine	21.960	252	112056	45.019	ng		97
83) Chrysene	22.137	228	307065	42.814	ng		99
84) Bis(2-ethylhexyl)phtha...	21.937	149	160787	45.863	ng		99
85) Di-n-octyl phthalate	23.259	149	267470	45.903	ng		97
87) Indeno(1,2,3-cd)pyrene	29.710	276	389168	43.319	ng	#	99
88) Benzo(b)fluoranthene	24.493	252	321309	42.875	ng		99
89) Benzo(k)fluoranthene	24.569	252	324165m	43.987	ng		
90) Benzo(a)pyrene	25.462	252	314315	43.633	ng		98
91) Dibenzo(a,h)anthracene	29.786	278	323431	43.469	ng	#	97
92) Benzo(g,h,i)perylene	30.997	276	314163	43.211	ng		94

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

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