Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
Data File : BG057050.D
Acq On : 11 Apr 2023 12:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 04:38:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	15093	20.000	ng		0.00
21) Naphthalene-d8	11.253	136	63627	20.000	ng		0.00
39) Acenaphthene-d10	15.024	164	48170	20.000	ng		0.00
64) Phenanthrene-d10	17.768	188	112786	20.000	ng		0.00
76) Chrysene-d12	22.085	240	94552	20.000	ng		0.00
86) Perylene-d12	25.628	264	105041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.913	112	77744	82.439	ng		0.00
7) Phenol-d6	7.540	99	116210	82.392	ng		0.00
23) Nitrobenzene-d5	9.585	82	120273	77.346	ng		0.00
42) 2,4,6-Tribromophenol	16.505	330	62323	80.988	ng		0.00
45) 2-Fluorobiphenyl	13.650	172	283949	79.933	ng		0.00
79) Terphenyl-d14	20.329	244	483197	86.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.722	88	15692	37.958	ng		99
3) Pyridine	4.145	79	54661	41.052	ng		96
4) n-Nitrosodimethylamine	4.051	42	23061	37.670	ng		89
6) Aniline	7.717	93	73357	40.683	ng		100
8) 2-Chlorophenol	7.963	128	38744	41.247	ng		92
9) Benzaldehyde	7.529	77	33093	37.407	ng		89
10) Phenol	7.570	94	58055	41.540	ng		94
11) bis(2-Chloroethyl)ether	7.805	93	40725	40.908	ng		96
12) 1,3-Dichlorobenzene	8.298	146	42470	40.919	ng		96
13) 1,4-Dichlorobenzene	8.445	146	42095	40.185	ng		100
14) 1,2-Dichlorobenzene	8.768	146	40633	40.149	ng		95
15) Benzyl Alcohol	8.639	79	47764	40.755	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.921	45	50567m	42.147	ng		
17) 2-Methylphenol	8.839	107	42911	43.037	ng		91
18) Hexachloroethane	9.508	117	14787	38.621	ng	#	86
19) n-Nitroso-di-n-propyla...	9.209	70	42225	41.855	ng	#	98
20) 3+4-Methylphenols	9.168	107	57895	41.524	ng		99
22) Acetophenone	9.238	105	72528	38.308	ng	#	96
24) Nitrobenzene	9.626	77	60070	37.784	ng		97
25) Isophorone	10.149	82	112640	38.040	ng		96
26) 2-Nitrophenol	10.348	139	24608	40.101	ng		91
27) 2,4-Dimethylphenol	10.389	122	41808	38.587	ng		98
28) bis(2-Chloroethoxy)met...	10.624	93	56663	38.222	ng		98
29) 2,4-Dichlorophenol	10.889	162	44706	38.367	ng		97
30) 1,2,4-Trichlorobenzene	11.106	180	47824	38.628	ng		95
31) Naphthalene	11.306	128	135185	38.979	ng		98
32) Benzoic acid	10.519	122	29023	38.997	ng		97
33) 4-Chloroaniline	11.400	127	62654	40.000	ng		97
34) Hexachlorobutadiene	11.576	225	35534	38.208	ng		96
35) Caprolactam	12.164	113	15108	37.597	ng	#	88
36) 4-Chloro-3-methylphenol	12.487	107	50443	38.711	ng		95
37) 2-Methylnaphthalene	12.874	142	106878	38.829	ng		98
38) 1-Methylnaphthalene	13.092	142	98625	38.159	ng		99
40) 1,2,4,5-Tetrachloroben...	13.239	216	67396	40.347	ng		98
41) Hexachlorocyclopentadiene	13.209	237	37970	41.256	ng		94
43) 2,4,6-Trichlorophenol	13.468	196	42450	39.824	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.544	196	49307	39.046	ng		99
46) 1,1'-Biphenyl	13.861	154	140622	39.880	ng		99
47) 2-Chloronaphthalene	13.914	162	106779	40.944	ng		98
48) 2-Nitroaniline	14.108	65	36543	39.187	ng		93
49) Acenaphthylene	14.754	152	173438	40.476	ng		99
50) Dimethylphthalate	14.460	163	150199	39.573	ng		99
51) 2,6-Dinitrotoluene	14.584	165	32544	39.686	ng		96
52) Acenaphthene	15.089	154	117433	39.738	ng		95
53) 3-Nitroaniline	14.919	138	33186	40.885	ng		95
54) 2,4-Dinitrophenol	15.124	184	19214	41.627	ng		91
55) Dibenzofuran	15.418	168	179395	40.446	ng		98
56) 4-Nitrophenol	15.212	139	24056	40.079	ng	#	79
57) 2,4-Dinitrotoluene	15.371	165	46556	40.253	ng	#	95
58) Fluorene	16.064	166	146169	39.825	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.641	232	44475	38.682	ng	#	98
60) Diethylphthalate	15.806	149	153132	40.246	ng		98
61) 4-Chlorophenyl-phenyle...	16.046	204	86172	39.989	ng		96
62) 4-Nitroaniline	16.076	138	34854	41.445	ng	#	83
63) Azobenzene	16.340	77	145361	38.334	ng		98
65) 4,6-Dinitro-2-methylph...	16.135	198	29691	43.466	ng		95
66) n-Nitrosodiphenylamine	16.258	169	126007	41.619	ng		96
67) 4-Bromophenyl-phenylether	16.939	248	55876	40.040	ng		97
68) Hexachlorobenzene	17.069	284	58308	42.262	ng		97
69) Atrazine	17.192	200	48709	38.757	ng		94
70) Pentachlorophenol	17.409	266	36717	37.095	ng		94
71) Phenanthrene	17.809	178	230375	40.063	ng		98
72) Anthracene	17.897	178	232911	39.511	ng		98
73) Carbazole	18.161	167	201806	39.265	ng		97
74) Di-n-butylphthalate	18.684	149	238536	40.080	ng		99
75) Fluoranthene	19.794	202	276518	37.934	ng		98
77) Benzidine	19.959	184	109995	42.561	ng		99
78) Pyrene	20.153	202	273806	41.868	ng		98
80) Butylbenzylphthalate	21.010	149	98069	43.578	ng		97
81) Benzo(a)anthracene	22.062	228	266867	40.787	ng		99
82) 3,3'-Dichlorobenzidine	21.956	252	92130	41.699	ng		96
83) Chrysene	22.132	228	253819	41.431	ng		98
84) Bis(2-ethylhexyl)phtha...	21.915	149	142500	43.729	ng		100
85) Di-n-octyl phthalate	23.225	149	232860	42.404	ng		100
87) Indeno(1,2,3-cd)pyrene	29.722	276	301486	38.836	ng	#	96
88) Benzo(b)fluoranthene	24.494	252	262625	39.982	ng		99
89) Benzo(k)fluoranthene	24.570	252	264271	40.300	ng		98
90) Benzo(a)pyrene	25.457	252	252868	39.176	ng	#	99
91) Dibenzo(a,h)anthracene	29.787	278	254105	39.822	ng		97
92) Benzo(g,h,i)perylene	31.009	276	246433	39.440	ng		96

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

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