Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061173.D
Acq On : 13 May 2024 13:12
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 14:19:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	21920	20.000	ng		-0.03
21) Naphthalene-d8	10.726	136	89298	20.000	ng		#-0.03
39) Acenaphthene-d10	14.563	164	74705	20.000	ng		-0.03
64) Phenanthrene-d10	17.313	188	179967	20.000	ng		-0.02
76) Chrysene-d12	21.572	240	180292	20.000	ng		#-0.02
86) Perylene-d12	24.698	264	211801	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	84523	78.420	ng		-0.03
7) Phenol-d6	7.107	99	124075	77.818	ng		-0.03
23) Nitrobenzene-d5	9.093	82	142437	79.071	ng		-0.03
42) 2,4,6-Tribromophenol	16.061	330	103971	69.629	ng		-0.01
45) 2-Fluorobiphenyl	13.188	172	396534	78.490	ng		-0.02
79) Terphenyl-d14	19.933	244	825064	76.110	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	17339	39.787	ng		96
3) Pyridine	3.828	79	51705	40.320	ng		96
4) n-Nitrosodimethylamine	3.740	42	46951	38.107	ng		97
6) Aniline	7.260	93	59829	37.851	ng	#	95
8) 2-Chlorophenol	7.501	128	48934	37.007	ng		94
9) Benzaldehyde	7.072	77	36310	42.878	ng		98
10) Phenol	7.136	94	62375	38.468	ng		89
11) bis(2-Chloroethyl)ether	7.354	93	43588	38.913	ng		97
12) 1,3-Dichlorobenzene	7.824	146	58504	37.530	ng		92
13) 1,4-Dichlorobenzene	7.971	146	59833	37.138	ng		99
14) 1,2-Dichlorobenzene	8.282	146	60674	39.034	ng		96
15) Benzyl Alcohol	8.170	79	52805	36.713	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.464	45	100400m	41.306	ng		
17) 2-Methylphenol	8.382	107	44898	38.856	ng		93
18) Hexachloroethane	9.011	117	22018	38.300	ng		82
19) n-Nitroso-di-n-propyla...	8.734	70	42854	35.914	ng		97
20) 3+4-Methylphenols	8.705	107	60975	36.575	ng		98
22) Acetophenone	8.752	105	90400	40.650	ng	#	99
24) Nitrobenzene	9.134	77	69954	39.696	ng		98
25) Isophorone	9.651	82	126943	38.123	ng		94
26) 2-Nitrophenol	9.839	139	32658	39.115	ng		97
27) 2,4-Dimethylphenol	9.910	122	37459	38.915	ng		96
28) bis(2-Chloroethoxy)met...	10.139	93	64551	39.499	ng		96
29) 2,4-Dichlorophenol	10.385	162	57796	38.321	ng		98
30) 1,2,4-Trichlorobenzene	10.591	180	70565	38.830	ng		97
31) Naphthalene	10.779	128	180428	38.877	ng		100
32) Benzoic acid	10.056	122	24553m	22.065	ng		
33) 4-Chloroaniline	10.885	127	69544	37.573	ng		98
34) Hexachlorobutadiene	11.067	225	61833	39.654	ng		99
35) Caprolactam	11.660	113	18036	33.207	ng		92
36) 4-Chloro-3-methylphenol	12.019	107	64848	35.657	ng		98
37) 2-Methylnaphthalene	12.389	142	129290	37.176	ng		96
38) 1-Methylnaphthalene	12.606	142	127163	36.320	ng		100
40) 1,2,4,5-Tetrachloroben...	12.759	216	99373	39.859	ng		99
41) Hexachlorocyclopentadiene	12.736	237	42192	44.208	ng		96
43) 2,4,6-Trichlorophenol	13.000	196	59094	36.920	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	68186	37.640	ng		98
46) 1,1'-Biphenyl	13.400	154	187296	39.102	ng		95
47) 2-Chloronaphthalene	13.441	162	152079	39.650	ng		97
48) 2-Nitroaniline	13.640	65	56469	39.675	ng		95
49) Acenaphthylene	14.287	152	230638	39.151	ng		98
50) Dimethylphthalate	14.022	163	213813	37.055	ng		99
51) 2,6-Dinitrotoluene	14.140	165	47532	38.512	ng		98
52) Acenaphthene	14.628	154	142965	38.902	ng		98
53) 3-Nitroaniline	14.469	138	41081	36.378	ng	#	96
54) 2,4-Dinitrophenol	14.686	184	29771	35.297	ng		98
55) Dibenzofuran	14.962	168	235734	37.977	ng		96
56) 4-Nitrophenol	14.798	139	30364	33.270	ng		95
57) 2,4-Dinitrotoluene	14.933	165	68460	37.492	ng	#	91
58) Fluorene	15.615	166	201834	37.576	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.192	232	64889	34.797	ng		99
60) Diethylphthalate	15.385	149	210377	36.155	ng		100
61) 4-Chlorophenyl-phenyle...	15.609	204	117513	36.435	ng		98
62) 4-Nitroaniline	15.632	138	45969	37.532	ng		93
63) Azobenzene	15.903	77	172967	38.186	ng		98
65) 4,6-Dinitro-2-methylph...	15.703	198	42929	38.446	ng		97
66) n-Nitrosodiphenylamine	15.820	169	180600	40.467	ng		99
67) 4-Bromophenyl-phenylether	16.502	248	89489	42.211	ng		93
68) Hexachlorobenzene	16.625	284	107308	40.667	ng		100
69) Atrazine	16.772	200	66398	36.076	ng		99
70) Pentachlorophenol	16.972	266	58483	36.076	ng		98
71) Phenanthrene	17.354	178	321815	39.108	ng		99
72) Anthracene	17.448	178	324921	39.571	ng		100
73) Carbazole	17.718	167	281247	38.957	ng		98
74) Di-n-butylphthalate	18.276	149	331709	38.640	ng		98
75) Fluoranthene	19.369	202	433824	38.482	ng		98
77) Benzidine	19.545	184	133310	39.389	ng		97
78) Pyrene	19.727	202	444002	38.736	ng		98
80) Butylbenzylphthalate	20.621	149	142358	39.235	ng		98
81) Benzo(a)anthracene	21.555	228	449856	38.130	ng		100
82) 3,3'-Dichlorobenzidine	21.472	252	159031	37.456	ng		97
83) Chrysene	21.619	228	422687	38.240	ng		97
84) Bis(2-ethylhexyl)phtha...	21.467	149	192078	40.540	ng		98
85) Di-n-octyl phthalate	22.648	149	325902	38.988	ng		99
87) Indeno(1,2,3-cd)pyrene	28.241	276	546882	38.962	ng		99
88) Benzo(b)fluoranthene	23.711	252	444958	37.595	ng		97
89) Benzo(k)fluoranthene	23.776	252	430352	37.796	ng		99
90) Benzo(a)pyrene	24.551	252	395105	38.318	ng		100
91) Dibenzo(a,h)anthracene	28.312	278	453530	39.016	ng		96
92) Benzo(g,h,i)perylene	29.351	276	451541	39.090	ng		98

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

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