Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054866.D
Acq On : 7 Sep 2022 11:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:39:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	43175	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	171239	20.000	ng	0.00
39) Acenaphthene-d10	14.789	164	117031	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	269197	20.000	ng	0.00
76) Chrysene-d12	21.839	240	248385	20.000	ng	0.01
86) Perylene-d12	25.223	264	270173	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	195884	79.005	ng	0.00
7) Phenol-d6	7.309	99	269756	79.556	ng	0.01
23) Nitrobenzene-d5	9.330	82	253330	77.663	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	125796	86.022	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	619945	79.619	ng	0.00
79) Terphenyl-d14	20.135	244	995086	79.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	41917	35.405	ng	95
3) Pyridine	3.942	79	120680	36.545	ng	96
4) n-Nitrosodimethylamine	3.854	42	50308	35.242	ng	95
6) Aniline	7.468	93	156871	38.939	ng	97
8) 2-Chlorophenol	7.714	128	108565	40.078	ng	98
9) Benzaldehyde	7.280	77	79356	35.708	ng	97
10) Phenol	7.333	94	137744	39.502	ng	96
11) bis(2-Chloroethyl)ether	7.562	93	106053	37.816	ng	95
12) 1,3-Dichlorobenzene	8.038	146	124832	39.821	ng	98
13) 1,4-Dichlorobenzene	8.184	146	126860	40.120	ng	98
14) 1,2-Dichlorobenzene	8.508	146	119146	39.738	ng	98
15) Benzyl Alcohol	8.390	79	97116	39.646	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.672	45	150820	34.369	ng	99
17) 2-Methylphenol	8.596	107	98326	40.955	ng	98
18) Hexachloroethane	9.242	117	44402	38.725	ng	94
19) n-Nitroso-di-n-propyla...	8.954	70	88273	37.858	ng	95
20) 3+4-Methylphenols	8.925	107	137165	41.200	ng	95
22) Acetophenone	8.978	105	170169	39.721	ng	96
24) Nitrobenzene	9.371	77	126058	38.341	ng	97
25) Isophorone	9.888	82	234498	38.555	ng	99
26) 2-Nitrophenol	10.082	139	64773	44.600	ng	97
27) 2,4-Dimethylphenol	10.135	122	93287	40.541	ng	94
28) bis(2-Chloroethoxy)met...	10.370	93	132703	38.290	ng	99
29) 2,4-Dichlorophenol	10.623	162	111646	42.658	ng	97
30) 1,2,4-Trichlorobenzene	10.834	180	123223	41.198	ng	96
31) Naphthalene	11.028	128	366021	39.840	ng	100
32) Benzoic acid	10.323	122	19001m	17.490	ng	
33) 4-Chloroaniline	11.140	127	149864	40.011	ng	98
34) Hexachlorobutadiene	11.298	225	83250	43.442	ng	99
35) Caprolactam	11.921	113	37906	41.052	ng	89
36) 4-Chloro-3-methylphenol	12.256	107	116688	40.771	ng	97
37) 2-Methylnaphthalene	12.626	142	260085	40.390	ng	100
38) 1-Methylnaphthalene	12.844	142	253624	40.483	ng	99
40) 1,2,4,5-Tetrachloroben...	12.991	216	147525	41.818	ng	99
41) Hexachlorocyclopentadiene	12.961	237	66262	35.417	ng	99
43) 2,4,6-Trichlorophenol	13.232	196	91862	39.230	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.308	196	103292	39.279	ng		96
46)	1,1'-Biphenyl	13.625	154	337797	38.868	ng		98
47)	2-Chloronaphthalene	13.672	162	256138	38.807	ng		98
48)	2-Nitroaniline	13.872	65	79718	38.539	ng		90
49)	Acenaphthylene	14.518	152	428895	39.378	ng		99
50)	Dimethylphthalate	14.236	163	352396	39.085	ng		99
51)	2,6-Dinitrotoluene	14.360	165	76117	41.275	ng		88
52)	Acenaphthene	14.853	154	273039m	39.026	ng		
53)	3-Nitroaniline	14.695	138	83616	40.503	ng		93
54)	2,4-Dinitrophenol	14.906	184	34462	37.039	ng		95
55)	Dibenzofuran	15.188	168	407097	39.599	ng		99
56)	4-Nitrophenol	15.006	139	58184	36.420	ng		92
57)	2,4-Dinitrotoluene	15.147	165	108096	42.377	ng		86
58)	Fluorene	15.834	166	343027	39.608	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.411	232	89103	37.588	ng		96
60)	Diethylphthalate	15.588	149	347238	38.568	ng		97
61)	4-Chlorophenyl-phenyle...	15.817	204	175639	41.110	ng		96
62)	4-Nitroaniline	15.858	138	86466	41.023	ng		97
63)	Azobenzene	16.116	77	307234	35.907	ng		94
65)	4,6-Dinitro-2-methylph...	15.917	198	56494	41.228	ng		91
66)	n-Nitrosodiphenylamine	16.034	169	302934	39.022	ng		98
67)	4-Bromophenyl-phenylether	16.716	248	124744	42.206	ng		97
68)	Hexachlorobenzene	16.839	284	141177	42.491	ng		95
69)	Atrazine	16.980	200	108068	39.459	ng		98
70)	Pentachlorophenol	17.186	266	58770	32.555	ng		97
71)	Phenanthrene	17.579	178	561649	39.166	ng		99
72)	Anthracene	17.673	178	549230	39.393	ng		100
73)	Carbazole	17.944	167	501337	39.028	ng		100
74)	Di-n-butylphthalate	18.478	149	616431	37.923	ng		99
75)	Fluoranthene	19.589	202	678420	38.889	ng		98
77)	Benzidine	19.759	184	250190	40.667	ng		99
78)	Pyrene	19.947	202	686109	39.614	ng		99
80)	Butylbenzylphthalate	20.817	149	269057	37.243	ng		95
81)	Benzo(a)anthracene	21.816	228	660995	39.249	ng		99
82)	3,3'-Dichlorobenzidine	21.722	252	246039	41.669	ng		99
83)	Chrysene	21.886	228	629748	39.109	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.692	149	382505	36.750	ng	#	98
85)	Di-n-octyl phthalate	22.955	149	656863	37.213	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.136	276	820127	39.985	ng	#	95
88)	Benzo(b)fluoranthene	24.142	252	665822	39.286	ng		99
89)	Benzo(k)fluoranthene	24.213	252	661225	38.766	ng		97
90)	Benzo(a)pyrene	25.065	252	563799	38.937	ng		98
91)	Dibenzo(a,h)anthracene	29.201	278	674960	40.393	ng		98
92)	Benzo(g,h,i)perylene	30.370	276	664065	39.338	ng		96

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

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