Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
Data File : BG054749.D
Acq On : 26 Aug 2022 9:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 27 02:06:44 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 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	52650	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	211539	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	137280	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	307857	20.000	ng	0.00
76) Chrysene-d12	21.821	240	287826	20.000	ng	0.00
86) Perylene-d12	25.187	264	311275	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	238096	78.749	ng	0.00
7) Phenol-d6	7.291	99	327934	79.309	ng	0.00
23) Nitrobenzene-d5	9.324	82	307915	76.414	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	133441	77.790	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	702875	76.955	ng	0.00
79) Terphenyl-d14	20.129	244	1118928	77.027	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.536	88	56277	38.980	ng	99
3) Pyridine	3.942	79	160646	39.893	ng	98
4) n-Nitrosodimethylamine	3.859	42	67609	38.839	ng	98
6) Aniline	7.467	93	194403	39.571	ng	98
8) 2-Chlorophenol	7.708	128	129194	39.110	ng	98
9) Benzaldehyde	7.279	77	97852	36.107	ng	98
10) Phenol	7.320	94	167974	39.502	ng	98
11) bis(2-Chloroethyl)ether	7.561	93	135588	39.647	ng	99
12) 1,3-Dichlorobenzene	8.037	146	149494	39.106	ng	98
13) 1,4-Dichlorobenzene	8.184	146	150727	39.090	ng	97
14) 1,2-Dichlorobenzene	8.507	146	141039	38.575	ng	99
15) Benzyl Alcohol	8.384	79	119846	40.120	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.671	45	205830	38.463	ng	99
17) 2-Methylphenol	8.583	107	116799	39.894	ng	99
18) Hexachloroethane	9.241	117	54239	38.791	ng	97
19) n-Nitroso-di-n-propyla...	8.953	70	109844	38.631	ng	97
20) 3+4-Methylphenols	8.912	107	161262	39.721	ng	97
22) Acetophenone	8.977	105	202249	38.216	ng	98
24) Nitrobenzene	9.365	77	154956	38.152	ng	99
25) Isophorone	9.888	82	285466	37.994	ng	98
26) 2-Nitrophenol	10.076	139	70915	39.527	ng	97
27) 2,4-Dimethylphenol	10.123	122	109120m	38.387	ng	
28) bis(2-Chloroethoxy)met...	10.369	93	162912	38.051	ng	98
29) 2,4-Dichlorophenol	10.610	162	126550	39.141	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	141882	38.400	ng	99
31) Naphthalene	11.027	128	435259	38.350	ng	99
32) Benzoic acid	10.252	122	67265	35.560	ng	97
33) 4-Chloroaniline	11.133	127	178867	38.657	ng	97
34) Hexachlorobutadiene	11.304	225	90969	38.427	ng	98
35) Caprolactam	11.897	113	43476	38.114	ng	98
36) 4-Chloro-3-methylphenol	12.232	107	138792	39.255	ng	96
37) 2-Methylnaphthalene	12.620	142	307326	38.634	ng	98
38) 1-Methylnaphthalene	12.843	142	295548	38.188	ng	100
40) 1,2,4,5-Tetrachloroben...	12.984	216	159147	38.458	ng	99
41) Hexachlorocyclopentadiene	12.961	237	84416	38.465	ng	98
43) 2,4,6-Trichlorophenol	13.219	196	106622	38.818	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.290	196	120701	39.129	ng		98
46) 1,1'-Biphenyl	13.619	154	387318	37.993	ng		99
47) 2-Chloronaphthalene	13.666	162	294322	38.015	ng		98
48) 2-Nitroaniline	13.865	65	96372	39.718	ng		100
49) Acenaphthylene	14.512	152	493805	38.651	ng		100
50) Dimethylphthalate	14.230	163	400239	37.843	ng		99
51) 2,6-Dinitrotoluene	14.353	165	83801	38.739	ng		93
52) Acenaphthene	14.847	154	315493	38.443	ng		98
53) 3-Nitroaniline	14.682	138	95272	39.342	ng		98
54) 2,4-Dinitrophenol	14.888	184	38915	35.906	ng		96
55) Dibenzofuran	15.181	168	463623	38.446	ng		99
56) 4-Nitrophenol	14.976	139	73436	39.186	ng		97
57) 2,4-Dinitrotoluene	15.134	165	120008	40.107	ng		90
58) Fluorene	15.828	166	388812	38.272	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.399	232	108085	38.870	ng		97
60) Diethylphthalate	15.587	149	400284	37.902	ng		99
61) 4-Chlorophenyl-phenyle...	15.816	204	191757	38.263	ng		99
62) 4-Nitroaniline	15.845	138	96936	39.207	ng		98
63) Azobenzene	16.110	77	381814	38.042	ng		98
65) 4,6-Dinitro-2-methylph...	15.892	198	62865	40.116	ng		96
66) n-Nitrosodiphenylamine	16.028	169	344659	38.821	ng		98
67) 4-Bromophenyl-phenylether	16.709	248	131946	39.037	ng		98
68) Hexachlorobenzene	16.827	284	148189	39.000	ng		98
69) Atrazine	16.968	200	122963	39.259	ng		100
70) Pentachlorophenol	17.167	266	80752	39.114	ng		100
71) Phenanthrene	17.573	178	630925	38.472	ng		99
72) Anthracene	17.661	178	615527	38.605	ng		99
73) Carbazole	17.931	167	568761	38.717	ng		99
74) Di-n-butylphthalate	18.478	149	716013	38.518	ng		99
75) Fluoranthene	19.576	202	773750	38.784	ng		99
77) Benzidine	19.753	184	327295	45.910	ng		100
78) Pyrene	19.935	202	782545	38.991	ng		99
80) Butylbenzylphthalate	20.810	149	317391	37.913	ng		100
81) Benzo(a)anthracene	21.803	228	752494	38.559	ng		99
82) 3,3'-Dichlorobenzidine	21.709	252	271973	39.749	ng		99
83) Chrysene	21.874	228	717397	38.447	ng		99
84) Bis(2-ethylhexyl)phtha...	21.691	149	457736	37.951	ng		98
85) Di-n-octyl phthalate	22.955	149	778622	38.067	ng		96
87) Indeno(1,2,3-cd)pyrene	29.059	276	915437	38.739	ng	#	93
88) Benzo(b)fluoranthene	24.112	252	756160	38.725	ng		99
89) Benzo(k)fluoranthene	24.183	252	752465	38.290	ng		99
90) Benzo(a)pyrene	25.029	252	642687	38.524	ng		99
91) Dibenzo(a,h)anthracene	29.136	278	745755	38.737	ng		99
92) Benzo(g,h,i)perylene	30.276	276	747364	38.427	ng		98

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

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