Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054954.D
Acq On : 15 Sep 2022 13:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 05:27:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 03:14:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
09/16/2022
Supervised By :Jagrut Upadhyay
09/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.126	152	33162	20.000	ng		0.00
21) Naphthalene-d8	10.958	136	128146	20.000	ng	#	0.00
39) Acenaphthene-d10	14.771	164	90625	20.000	ng		0.00
64) Phenanthrene-d10	17.515	188	210936	20.000	ng		0.00
76) Chrysene-d12	21.815	240	199214	20.000	ng		0.00
86) Perylene-d12	25.182	264	215165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	159597	83.806	ng		0.00
7) Phenol-d6	7.285	99	219650	84.338	ng		0.00
23) Nitrobenzene-d5	9.307	82	203914	83.536	ng		0.00
42) 2,4,6-Tribromophenol	16.257	330	104530	92.307	ng		0.00
45) 2-Fluorobiphenyl	13.390	172	523890	86.887	ng		0.00
79) Terphenyl-d14	20.117	244	868994	86.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	35117	38.617	ng		89
3) Pyridine	3.913	79	98551	38.855	ng		89
4) n-Nitrosodimethylamine	3.825	42	36195	33.012	ng		84
6) Aniline	7.444	93	128223	41.438	ng		96
8) 2-Chlorophenol	7.691	128	89239	42.890	ng		95
9) Benzaldehyde	7.262	77	62599	36.673	ng		92
10) Phenol	7.309	94	112441	41.982	ng		95
11) bis(2-Chloroethyl)ether	7.538	93	86222	40.028	ng		95
12) 1,3-Dichlorobenzene	8.014	146	104201	43.277	ng		97
13) 1,4-Dichlorobenzene	8.161	146	105058	43.257	ng		96
14) 1,2-Dichlorobenzene	8.484	146	98363	42.712	ng		99
15) Benzyl Alcohol	8.366	79	77733	41.314	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.648	45	108531	32.200	ng		94
17) 2-Methylphenol	8.572	107	78991	42.836	ng		97
18) Hexachloroethane	9.218	117	35633	40.460	ng		90
19) n-Nitroso-di-n-propyla...	8.931	70	69870	39.013	ng	#	92
20) 3+4-Methylphenols	8.901	107	111750	43.702	ng		93
22) Acetophenone	8.960	105	139868	43.627	ng	#	95
24) Nitrobenzene	9.348	77	101775	41.365	ng		93
25) Isophorone	9.865	82	190683	41.894	ng		97
26) 2-Nitrophenol	10.064	139	53806	49.507	ng		97
27) 2,4-Dimethylphenol	10.111	122	76449	44.396	ng		94
28) bis(2-Chloroethoxy)met...	10.346	93	106509	41.067	ng		98
29) 2,4-Dichlorophenol	10.605	162	92065	47.005	ng		96
30) 1,2,4-Trichlorobenzene	10.811	180	103408	46.200	ng		99
31) Naphthalene	11.005	128	302877	44.053	ng		99
32) Benzoic acid	10.411	122	9316m	14.150	ng		
33) 4-Chloroaniline	11.116	127	124666	44.477	ng		97
34) Hexachlorobutadiene	11.275	225	70697	49.298	ng		97
35) Caprolactam	11.898	113	31643	45.793	ng	#	74
36) 4-Chloro-3-methylphenol	12.233	107	95999	44.821	ng		99
37) 2-Methylnaphthalene	12.603	142	216203	44.866	ng		99
38) 1-Methylnaphthalene	12.820	142	209870	44.764	ng		99
40) 1,2,4,5-Tetrachloroben...	12.967	216	124159	45.449	ng		99
41) Hexachlorocyclopentadiene	12.938	237	55003	37.965	ng		100
43) 2,4,6-Trichlorophenol	13.208	196	72295	39.870	ng		97

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44) 2,4,5-Trichlorophenol	13.290	196	81462	40.004	ng		95
46) 1,1'-Biphenyl	13.602	154	284117	42.217	ng		98
47) 2-Chloronaphthalene	13.654	162	214994	42.065	ng		98
48) 2-Nitroaniline	13.860	65	63736	39.791	ng		85
49) Acenaphthylene	14.495	152	361445	42.855	ng		100
50) Dimethylphthalate	14.213	163	304877	43.667	ng		99
51) 2,6-Dinitrotoluene	14.342	165	65063	45.560	ng	#	82
52) Acenaphthene	14.835	154	229617m	42.383	ng		
53) 3-Nitroaniline	14.683	138	70917	44.361	ng		89
54) 2,4-Dinitrophenol	14.894	184	26738	37.098	ng		97
55) Dibenzofuran	15.164	168	348708	43.803	ng		99
56) 4-Nitrophenol	14.994	139	49375	39.911	ng		89
57) 2,4-Dinitrotoluene	15.135	165	93124	47.145	ng	#	80
58) Fluorene	15.817	166	295134	44.007	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.394	232	69911	38.085	ng		95
60) Diethylphthalate	15.570	149	294124	42.188	ng		96
61) 4-Chlorophenyl-phenyle...	15.799	204	150512	45.494	ng		95
62) 4-Nitroaniline	15.840	138	73752	45.186	ng		90
63) Azobenzene	16.093	77	248813	37.553	ng		92
65) 4,6-Dinitro-2-methylph...	15.899	198	45474	42.352	ng		93
66) n-Nitrosodiphenylamine	16.016	169	258778	42.541	ng		98
67) 4-Bromophenyl-phenylether	16.692	248	108542	46.868	ng		96
68) Hexachlorobenzene	16.815	284	123136	47.297	ng		97
69) Atrazine	16.956	200	93367	43.507	ng		99
70) Pentachlorophenol	17.168	266	53123	37.555	ng		100
71) Phenanthrene	17.562	178	482077	42.902	ng		99
72) Anthracene	17.650	178	474280	43.413	ng		99
73) Carbazole	17.926	167	427602	42.482	ng		99
74) Di-n-butylphthalate	18.455	149	519080	40.754	ng		99
75) Fluoranthene	19.571	202	589422	43.120	ng		97
77) Benzidine	19.741	184	180810	36.644	ng		99
78) Pyrene	19.929	202	598338	43.074	ng		99
80) Butylbenzylphthalate	20.793	149	225310	38.885	ng		93
81) Benzo(a)anthracene	21.792	228	581764	43.070	ng		99
82) 3,3'-Dichlorobenzidine	21.698	252	217670	45.963	ng		99
83) Chrysene	21.862	228	553592	42.865	ng		100
84) Bis(2-ethylhexyl)phtha...	21.663	149	325209	38.957	ng		97
85) Di-n-octyl phthalate	22.914	149	562873	39.759	ng	#	92
87) Indeno(1,2,3-cd)pyrene	29.077	276	727921	44.563	ng	#	95
88) Benzo(b)fluoranthene	24.107	252	591960	43.857	ng		98
89) Benzo(k)fluoranthene	24.177	252	579630	42.670	ng		99
90) Benzo(a)pyrene	25.023	252	503726	43.682	ng		98
91) Dibenzo(a,h)anthracene	29.142	278	599906	45.080	ng		98
92) Benzo(g,h,i)perylene	30.300	276	599169	44.568	ng		96

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

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