Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056984.D
Acq On : 5 Apr 2023 10:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 05:05:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.422	152	13503	20.000	ng		0.00
21) Naphthalene-d8	11.265	136	60227	20.000	ng	#	0.00
39) Acenaphthene-d10	15.037	164	49652	20.000	ng		0.00
64) Phenanthrene-d10	17.774	188	120583	20.000	ng		0.00
76) Chrysene-d12	22.098	240	92075	20.000	ng		0.00
86) Perylene-d12	25.652	264	97829	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.920	112	67650	80.182	ng		0.00
7) Phenol-d6	7.547	99	105935	83.951	ng		0.00
23) Nitrobenzene-d5	9.597	82	114812	78.002	ng		0.00
42) 2,4,6-Tribromophenol	16.517	330	66854	84.283	ng		0.00
45) 2-Fluorobiphenyl	13.662	172	284251	77.630	ng		0.00
79) Terphenyl-d14	20.341	244	475621	87.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.728	88	12876	34.814	ng		99
3) Pyridine	4.151	79	45228	37.967	ng		94
4) n-Nitrosodimethylamine	4.057	42	21576	39.395	ng		88
6) Aniline	7.729	93	67882	42.080	ng		99
8) 2-Chlorophenol	7.976	128	36005	42.844	ng		97
9) Benzaldehyde	7.541	77	31671	40.016	ng		94
10) Phenol	7.576	94	53599	42.868	ng		95
11) bis(2-Chloroethyl)ether	7.817	93	36369	40.834	ng		100
12) 1,3-Dichlorobenzene	8.310	146	38661	41.635	ng		95
13) 1,4-Dichlorobenzene	8.457	146	39032	41.648	ng		97
14) 1,2-Dichlorobenzene	8.780	146	38532	42.556	ng		89
15) Benzyl Alcohol	8.651	79	46250	44.111	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.933	45	44540	41.495	ng		93
17) 2-Methylphenol	8.851	107	38756	43.446	ng		94
18) Hexachloroethane	9.521	117	15352	44.818	ng		94
19) n-Nitroso-di-n-propyla...	9.221	70	39403	43.656	ng		94
20) 3+4-Methylphenols	9.180	107	53919	43.226	ng		97
22) Acetophenone	9.250	105	69329	38.685	ng	#	98
24) Nitrobenzene	9.644	77	59283	39.394	ng		94
25) Isophorone	10.161	82	110952	39.585	ng		99
26) 2-Nitrophenol	10.361	139	23291	40.098	ng		95
27) 2,4-Dimethylphenol	10.402	122	40696	39.681	ng		97
28) bis(2-Chloroethoxy)met...	10.637	93	52071	37.108	ng		95
29) 2,4-Dichlorophenol	10.895	162	42823	38.826	ng		96
30) 1,2,4-Trichlorobenzene	11.118	180	45853	39.127	ng		99
31) Naphthalene	11.312	128	129421	39.424	ng		98
32) Benzoic acid	10.519	122	28893m	41.014	ng		
33) 4-Chloroaniline	11.412	127	61148	41.243	ng		94
34) Hexachlorobutadiene	11.588	225	33673	38.251	ng		91
35) Caprolactam	12.176	113	15853	41.678	ng		93
36) 4-Chloro-3-methylphenol	12.499	107	51161	41.478	ng		100
37) 2-Methylnaphthalene	12.887	142	104133	39.968	ng		99
38) 1-Methylnaphthalene	13.104	142	96703	39.527	ng		100
40) 1,2,4,5-Tetrachloroben...	13.245	216	65640	38.123	ng		99
41) Hexachlorocyclopentadiene	13.221	237	37150	39.160	ng		91
43) 2,4,6-Trichlorophenol	13.474	196	43544	39.631	ng		98

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44) 2,4,5-Trichlorophenol	13.550	196	51753	39.760	ng		94
46) 1,1'-Biphenyl	13.874	154	141693	38.984	ng		97
47) 2-Chloronaphthalene	13.921	162	106077	39.460	ng		98
48) 2-Nitroaniline	14.114	65	40316	41.943	ng		96
49) Acenaphthylene	14.761	152	176598	39.984	ng		99
50) Dimethylphthalate	14.467	163	159584	40.791	ng		99
51) 2,6-Dinitrotoluene	14.596	165	34259	40.530	ng		95
52) Acenaphthene	15.101	154	124176	40.765	ng		98
53) 3-Nitroaniline	14.931	138	34840	41.641	ng		84
54) 2,4-Dinitrophenol	15.131	184	20741	43.594	ng	#	85
55) Dibenzofuran	15.430	168	184601	40.377	ng		98
56) 4-Nitrophenol	15.213	139	25843	41.771	ng		94
57) 2,4-Dinitrotoluene	15.377	165	50266	42.163	ng		96
58) Fluorene	16.076	166	151805	40.126	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.648	232	46830m	39.515	ng		
60) Diethylphthalate	15.818	149	164632	41.977	ng		99
61) 4-Chlorophenyl-phenyle...	16.053	204	91503	41.195	ng		98
62) 4-Nitroaniline	16.088	138	37384	43.126	ng		96
63) Azobenzene	16.347	77	154887	39.627	ng		99
65) 4,6-Dinitro-2-methylph...	16.141	198	33409	45.747	ng		94
66) n-Nitrosodiphenylamine	16.264	169	131572	40.647	ng		98
67) 4-Bromophenyl-phenylether	16.946	248	60549	40.583	ng		92
68) Hexachlorobenzene	17.081	284	60939	41.313	ng		97
69) Atrazine	17.198	200	54870	40.836	ng		95
70) Pentachlorophenol	17.416	266	40189	37.977	ng		92
71) Phenanthrene	17.815	178	246008	40.015	ng		100
72) Anthracene	17.909	178	250181	39.696	ng		100
73) Carbazole	18.168	167	213741	38.898	ng		96
74) Di-n-butylphthalate	18.691	149	250909	39.433	ng		99
75) Fluoranthene	19.801	202	277141	35.561	ng		99
77) Benzidine	19.965	184	105673	41.989	ng		99
78) Pyrene	20.165	202	270157	42.422	ng		97
80) Butylbenzylphthalate	21.023	149	92270	42.104	ng		95
81) Benzo(a)anthracene	22.074	228	254410	39.929	ng		99
82) 3,3'-Dichlorobenzidine	21.968	252	88459	41.114	ng		99
83) Chrysene	22.145	228	238145	39.918	ng		98
84) Bis(2-ethylhexyl)phtha...	21.927	149	128604	40.527	ng		98
85) Di-n-octyl phthalate	23.243	149	216775	40.537	ng		99
87) Indeno(1,2,3-cd)pyrene	29.746	276	288829	39.949	ng	#	96
88) Benzo(b)fluoranthene	24.506	252	244384	39.948	ng		99
89) Benzo(k)fluoranthene	24.588	252	245812	40.249	ng		99
90) Benzo(a)pyrene	25.481	252	238993	39.756	ng		97
91) Dibenzo(a,h)anthracene	29.823	278	246195	41.426	ng		98
92) Benzo(g,h,i)perylene	31.050	276	231761	39.826	ng		96

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

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