Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
Data File : BG053393.D
Acq On : 2 May 2022 10:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 16:46:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	30476	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	124598	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	98988	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	251311	20.000	ng	0.00
76) Chrysene-d12	21.757	240	254984	20.000	ng	0.00
86) Perylene-d12	25.047	264	271326	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	153273	86.211	ng	0.00
7) Phenol-d6	7.265	99	237465	86.613	ng	0.00
23) Nitrobenzene-d5	9.268	82	252558	82.302	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	131839	83.715	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	567144	79.003	ng	0.00
79) Terphenyl-d14	20.077	244	1157928	76.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	37401	44.051	ng	96
3) Pyridine	3.952	79	102992	45.993	ng	# 90
4) n-Nitrosodimethylamine	3.858	42	50618	45.647	ng	84
6) Aniline	7.423	93	133974	42.165	ng	93
8) 2-Chlorophenol	7.670	128	77845	40.558	ng	92
9) Benzaldehyde	7.235	77	67381m	41.115	ng	
10) Phenol	7.288	94	116885	42.830	ng	89
11) bis(2-Chloroethyl)ether	7.512	93	85811	43.620	ng	94
12) 1,3-Dichlorobenzene	7.993	146	91952m	41.228	ng	
13) 1,4-Dichlorobenzene	8.134	146	93945	41.316	ng	98
14) 1,2-Dichlorobenzene	8.457	146	90242	41.156	ng	98
15) Benzyl Alcohol	8.340	79	101739	41.749	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.628	45	140693	42.837	ng	98
17) 2-Methylphenol	8.545	107	78906	42.727	ng	95
18) Hexachloroethane	9.192	117	34754	40.759	ng	99
19) n-Nitroso-di-n-propyla...	8.904	70	83776	41.738	ng	# 94
20) 3+4-Methylphenols	8.874	107	111065	42.603	ng	90
22) Acetophenone	8.921	105	144519	41.808	ng	# 95
24) Nitrobenzene	9.309	77	123012	41.213	ng	91
25) Isophorone	9.826	82	218469	41.886	ng	97
26) 2-Nitrophenol	10.020	139	52100	41.743	ng	94
27) 2,4-Dimethylphenol	10.079	122	75835	42.425	ng	92
28) bis(2-Chloroethoxy)met...	10.308	93	122925	41.950	ng	99
29) 2,4-Dichlorophenol	10.566	162	92654	41.231	ng	98
30) 1,2,4-Trichlorobenzene	10.778	180	104383	41.042	ng	98
31) Naphthalene	10.966	128	275676	41.470	ng	98
32) Benzoic acid	10.243	122	50454	43.720	ng	93
33) 4-Chloroaniline	11.066	127	119757	42.068	ng	94
34) Hexachlorobutadiene	11.248	225	73952	39.143	ng	95
35) Caprolactam	11.847	113	34383	43.408	ng	# 73
36) 4-Chloro-3-methylphenol	12.188	107	112944	43.172	ng	90
37) 2-Methylnaphthalene	12.564	142	206106	41.901	ng	96
38) 1-Methylnaphthalene	12.781	142	203365	42.356	ng	96
40) 1,2,4,5-Tetrachloroben...	12.934	216	131950	39.247	ng	100
41) Hexachlorocyclopentadiene	12.910	237	63014	36.308	ng	90
43) 2,4,6-Trichlorophenol	13.169	196	92029	39.702	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	97616	39.519	ng		98
46) 1,1'-Biphenyl	13.562	154	284974	39.977	ng		98
47) 2-Chloronaphthalene	13.609	162	223719	39.337	ng		96
48) 2-Nitroaniline	13.809	65	92284	42.758	ng		92
49) Acenaphthylene	14.449	152	368247	41.363	ng		97
50) Dimethylphthalate	14.179	163	329455	41.611	ng		100
51) 2,6-Dinitrotoluene	14.297	165	68910	41.720	ng	#	84
52) Acenaphthene	14.796	154	246621m	40.849	ng		
53) 3-Nitroaniline	14.631	138	79160	45.324	ng		94
54) 2,4-Dinitrophenol	14.843	184	41661	39.641	ng	#	85
55) Dibenzofuran	15.125	168	393558	41.630	ng		95
56) 4-Nitrophenol	14.943	139	55472	41.644	ng	#	82
57) 2,4-Dinitrotoluene	15.090	165	102738	43.690	ng		91
58) Fluorene	15.777	166	318756	41.747	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.354	232	97864	40.798	ng		98
60) Diethylphthalate	15.536	149	344758	41.560	ng		99
61) 4-Chlorophenyl-phenyle...	15.759	204	177101	40.917	ng		97
62) 4-Nitroaniline	15.794	138	80654	43.763	ng	#	78
63) Azobenzene	16.053	77	354213	42.351	ng		96
65) 4,6-Dinitro-2-methylph...	15.853	198	72250	41.207	ng		98
66) n-Nitrosodiphenylamine	15.977	169	285295	39.477	ng		99
67) 4-Bromophenyl-phenylether	16.652	248	128503	39.906	ng		95
68) Hexachlorobenzene	16.787	284	139307	39.947	ng		98
69) Atrazine	16.916	200	109807	38.898	ng		99
70) Pentachlorophenol	17.128	266	75242	39.478	ng		90
71) Phenanthrene	17.516	178	554981	40.430	ng		98
72) Anthracene	17.610	178	544210	40.018	ng		99
73) Carbazole	17.874	167	537096	40.629	ng		100
74) Di-n-butylphthalate	18.420	149	613162	40.898	ng		98
75) Fluoranthene	19.525	202	707906	40.232	ng		98
77) Benzidine	19.695	184	253452	34.838	ng		99
78) Pyrene	19.883	202	712735	39.248	ng		100
80) Butylbenzylphthalate	20.758	149	282213	41.684	ng		99
81) Benzo(a)anthracene	21.739	228	709791	40.713	ng		98
82) 3,3'-Dichlorobenzidine	21.645	252	255115	39.789	ng		98
83) Chrysene	21.804	228	660956	40.850	ng		99
84) Bis(2-ethylhexyl)phtha...	21.622	149	379914	41.514	ng		99
85) Di-n-octyl phthalate	22.856	149	646670	42.251	ng		95
87) Indeno(1,2,3-cd)pyrene	28.836	276	835498	41.447	ng		99
88) Benzo(b)fluoranthene	24.001	252	705892	41.234	ng		97
89) Benzo(k)fluoranthene	24.077	252	682364	40.557	ng		99
90) Benzo(a)pyrene	24.894	252	606726	41.602	ng		97
91) Dibenzo(a,h)anthracene	28.883	278	678252	40.880	ng		97
92) Benzo(g,h,i)perylene	30.011	276	681223	41.658	ng		99

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

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