Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054512.D
Acq On : 4 Aug 2022 10:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 13:43:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
08/05/2022
Supervised By :Jagrut Upadhyay
08/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.976	152	17355	20.000	ng		-0.01
21) Naphthalene-d8	10.785	136	67224	20.000	ng		#-0.01
39) Acenaphthene-d10	14.615	164	54401	20.000	ng		0.00
64) Phenanthrene-d10	17.365	188	144970	20.000	ng		# 0.00
76) Chrysene-d12	21.631	240	166407	20.000	ng		# 0.00
86) Perylene-d12	24.839	264	174330	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	71805	86.385	ng		0.00
7) Phenol-d6	7.177	99	97374	85.492	ng		0.00
23) Nitrobenzene-d5	9.145	82	98865	80.089	ng		0.00
42) 2,4,6-Tribromophenol	16.114	330	78431	68.665	ng		0.00
45) 2-Fluorobiphenyl	13.235	172	289236	75.003	ng		-0.01
79) Terphenyl-d14	19.974	244	648655	77.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	13387	40.482	ng		93
3) Pyridine	3.810	79	38204	45.541	ng		94
4) n-Nitrosodimethylamine	3.722	42	21112	45.008	ng	#	82
6) Aniline	7.300	93	54777	41.664	ng		97
8) 2-Chlorophenol	7.553	128	41065	42.989	ng		91
9) Benzaldehyde	7.112	77	26480	46.958	ng	#	78
10) Phenol	7.206	94	48379	42.751	ng		92
11) bis(2-Chloroethyl)ether	7.394	93	34374	41.660	ng		97
12) 1,3-Dichlorobenzene	7.870	146	49134	42.216	ng		91
13) 1,4-Dichlorobenzene	8.011	146	49197	40.932	ng		95
14) 1,2-Dichlorobenzene	8.334	146	47728	42.110	ng		96
15) Benzyl Alcohol	8.223	79	39936	42.631	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.505	45	46554	44.800	ng		91
17) 2-Methylphenol	8.452	107	33908	41.572	ng		97
18) Hexachloroethane	9.057	117	16951	42.593	ng	#	60
19) n-Nitroso-di-n-propyla...	8.787	70	32378	42.570	ng		92
20) 3+4-Methylphenols	8.781	107	48236	41.972	ng		89
22) Acetophenone	8.804	105	64407	39.835	ng	#	98
24) Nitrobenzene	9.186	77	48934	40.562	ng	#	87
25) Isophorone	9.709	82	85941	40.030	ng	#	94
26) 2-Nitrophenol	9.903	139	25365	41.712	ng	#	85
27) 2,4-Dimethylphenol	9.980	122	33760	40.188	ng		96
28) bis(2-Chloroethoxy)met...	10.185	93	44764	41.341	ng		94
29) 2,4-Dichlorophenol	10.461	162	49235	38.829	ng		91
30) 1,2,4-Trichlorobenzene	10.649	180	62108	39.550	ng	#	97
31) Naphthalene	10.837	128	134417	39.833	ng		100
32) Benzoic acid	10.144	122	8387m	28.804	ng		
33) 4-Chloroaniline	10.949	127	55382	40.358	ng		94
34) Hexachlorobutadiene	11.119	225	54324	39.143	ng		98
35) Caprolactam	11.730	113	12737	39.894	ng	#	75
36) 4-Chloro-3-methylphenol	12.107	107	46010	39.886	ng		87
37) 2-Methylnaphthalene	12.447	142	101344	39.108	ng		99
38) 1-Methylnaphthalene	12.665	142	98381	38.961	ng		98
40) 1,2,4,5-Tetrachloroben...	12.817	216	89056	37.365	ng	#	95
41) Hexachlorocyclopentadiene	12.794	237	26314	38.882	ng		99
43) 2,4,6-Trichlorophenol	13.070	196	47744	36.790	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.158	196	48738	33.239	ng	#	88
46)	1,1'-Biphenyl	13.452	154	140636	37.788	ng		96
47)	2-Chloronaphthalene	13.493	162	118970	38.197	ng		96
48)	2-Nitroaniline	13.705	65	33278	40.940	ng		87
49)	Acenaphthylene	14.339	152	178133	38.490	ng		99
50)	Dimethylphthalate	14.069	163	162257	38.185	ng	#	98
51)	2,6-Dinitrotoluene	14.192	165	36293	38.940	ng	#	78
52)	Acenaphthene	14.680	154	106921	38.152	ng		99
53)	3-Nitroaniline	14.533	138	31106	39.905	ng		84
54)	2,4-Dinitrophenol	14.756	184	17384m	36.082	ng		
55)	Dibenzofuran	15.015	168	189057	37.914	ng		95
56)	4-Nitrophenol	14.897	139	14879	28.610	ng		89
57)	2,4-Dinitrotoluene	14.991	165	51940	38.873	ng	#	81
58)	Fluorene	15.667	166	157127	38.325	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.262	232	42723	29.927	ng	#	82
60)	Diethylphthalate	15.426	149	157934	38.744	ng		96
61)	4-Chlorophenyl-phenyle...	15.649	204	103154	38.330	ng	#	90
62)	4-Nitroaniline	15.696	138	33675	41.120	ng		91
63)	Azobenzene	15.943	77	114848	38.993	ng		86
65)	4,6-Dinitro-2-methylph...	15.767	198	31300	34.947	ng		77
66)	n-Nitrosodiphenylamine	15.867	169	140137	38.718	ng		96
67)	4-Bromophenyl-phenylether	16.542	248	76178	37.415	ng		92
68)	Hexachlorobenzene	16.678	284	87912	37.757	ng	#	91
69)	Atrazine	16.819	200	63695	39.547	ng		94
70)	Pentachlorophenol	17.036	266	22817	25.307	ng		96
71)	Phenanthrene	17.406	178	275863	38.211	ng		98
72)	Anthracene	17.500	178	267474	37.755	ng		99
73)	Carbazole	17.770	167	228313	39.144	ng		98
74)	Di-n-butylphthalate	18.311	149	272940	39.654	ng		98
75)	Fluoranthene	19.421	202	372221	37.822	ng		95
77)	Benzidine	19.592	184	131469	43.623	ng		99
78)	Pyrene	19.780	202	371211	38.877	ng		98
80)	Butylbenzylphthalate	20.655	149	120281	40.423	ng	#	84
81)	Benzo(a)anthracene	21.613	228	405866	38.422	ng		99
82)	3,3'-Dichlorobenzidine	21.525	252	128498	39.114	ng	#	98
83)	Chrysene	21.678	228	378195	37.895	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.501	149	167143	39.697	ng	#	92
85)	Di-n-octyl phthalate	22.700	149	281490	39.189	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	28.528	276	503527	37.967	ng	#	98
88)	Benzo(b)fluoranthene	23.822	252	391183	37.943	ng	#	98
89)	Benzo(k)fluoranthene	23.887	252	406131	39.582	ng	#	96
90)	Benzo(a)pyrene	24.692	252	338447	38.440	ng		99
91)	Dibenzo(a,h)anthracene	28.570	278	416657	38.207	ng	#	97
92)	Benzo(g,h,i)perylene	29.680	276	411377	38.221	ng	#	93

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

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