Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053217.D
Acq On : 20 Apr 2022 15:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 21 06:03:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	33009	20.000	ng		0.00
21) Naphthalene-d8	10.930	136	127437	20.000	ng		0.00
39) Acenaphthene-d10	14.736	164	94165	20.000	ng		-0.01
64) Phenanthrene-d10	17.480	188	215150	20.000	ng		-0.01
76) Chrysene-d12	21.774	240	209979	20.000	ng		# 0.00
86) Perylene-d12	25.069	264	217574	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	166971	86.709	ng		0.00
7) Phenol-d6	7.276	99	249164	83.907	ng		0.00
23) Nitrobenzene-d5	9.279	82	259616	82.718	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	120924	80.717	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	564782	82.704	ng		0.00
79) Terphenyl-d14	20.088	244	1007742	81.055	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.563	88	39608	43.071	ng		97
3) Pyridine	3.968	79	103357	42.614	ng		90
4) n-Nitrosodimethylamine	3.880	42	50813	42.306	ng		95
6) Aniline	7.434	93	142150	41.305	ng		96
8) 2-Chlorophenol	7.681	128	88476	42.559	ng		97
9) Benzaldehyde	7.246	77	69833m	39.342	ng		
10) Phenol	7.305	94	125558	42.478	ng		93
11) bis(2-Chloroethyl)ether	7.528	93	90098	42.285	ng		95
12) 1,3-Dichlorobenzene	8.004	146	102245m	42.325	ng		
13) 1,4-Dichlorobenzene	8.151	146	103064	41.849	ng		97
14) 1,2-Dichlorobenzene	8.474	146	99023	41.696	ng		95
15) Benzyl Alcohol	8.351	79	108743	41.199	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.639	45	144324	40.571	ng		98
17) 2-Methylphenol	8.556	107	82844	41.417	ng		97
18) Hexachloroethane	9.202	117	37732	40.856	ng		98
19) n-Nitroso-di-n-propyla...	8.915	70	87547	40.270	ng		94
20) 3+4-Methylphenols	8.879	107	116962	41.422	ng		96
22) Acetophenone	8.938	105	150693	42.623	ng	#	96
24) Nitrobenzene	9.320	77	125657	41.161	ng		93
25) Isophorone	9.843	82	216720	40.625	ng		99
26) 2-Nitrophenol	10.031	139	54439	42.645	ng	#	89
27) 2,4-Dimethylphenol	10.090	122	76951	42.090	ng		93
28) bis(2-Chloroethoxy)met...	10.319	93	123879	41.334	ng		98
29) 2,4-Dichlorophenol	10.571	162	98166	42.711	ng		98
30) 1,2,4-Trichlorobenzene	10.789	180	110041	42.302	ng		95
31) Naphthalene	10.977	128	285320	41.965	ng		99
32) Benzoic acid	10.242	122	50194	42.625	ng		95
33) 4-Chloroaniline	11.076	127	118628	40.743	ng		96
34) Hexachlorobutadiene	11.264	225	81393	42.122	ng		98
35) Caprolactam	11.852	113	31557	38.953	ng	#	78
36) 4-Chloro-3-methylphenol	12.198	107	109444	40.902	ng		94
37) 2-Methylnaphthalene	12.574	142	207708	41.286	ng		95
38) 1-Methylnaphthalene	12.792	142	200229m	40.773	ng		
40) 1,2,4,5-Tetrachloroben...	12.939	216	133146	41.632	ng		99
41) Hexachlorocyclopentadiene	12.921	237	71624	43.383	ng		92
43) 2,4,6-Trichlorophenol	13.179	196	90562	41.071	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	95329	40.570	ng		97
46) 1,1'-Biphenyl	13.573	154	281451	41.505	ng		98
47) 2-Chloronaphthalene	13.620	162	220271	40.714	ng		97
48) 2-Nitroaniline	13.814	65	81777	39.830	ng		97
49) Acenaphthylene	14.466	152	349329	41.248	ng		98
50) Dimethylphthalate	14.184	163	296901	39.420	ng		98
51) 2,6-Dinitrotoluene	14.307	165	60473	38.487	ng	#	83
52) Acenaphthene	14.801	154	235088m	40.933	ng		
53) 3-Nitroaniline	14.636	138	66655	40.119	ng		99
54) 2,4-Dinitrophenol	14.848	184	41473	41.483	ng	#	91
55) Dibenzofuran	15.136	168	366416	40.744	ng		99
56) 4-Nitrophenol	14.948	139	52396	41.350	ng	#	80
57) 2,4-Dinitrotoluene	15.095	165	88417	39.525	ng		89
58) Fluorene	15.782	166	287972	39.647	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	92846	40.688	ng		99
60) Diethylphthalate	15.541	149	298985	37.888	ng		98
61) 4-Chlorophenyl-phenyle...	15.770	204	164726	40.007	ng		97
62) 4-Nitroaniline	15.799	138	71427	40.741	ng	#	79
63) Azobenzene	16.064	77	314597	39.541	ng		98
65) 4,6-Dinitro-2-methylph...	15.864	198	63101	42.038	ng		95
66) n-Nitrosodiphenylamine	15.982	169	256599	41.474	ng		98
67) 4-Bromophenyl-phenylether	16.663	248	114778	41.634	ng		94
68) Hexachlorobenzene	16.798	284	123691	41.430	ng		98
69) Atrazine	16.927	200	92397	38.232	ng		96
70) Pentachlorophenol	17.139	266	69928	42.857	ng		96
71) Phenanthrene	17.527	178	482741	41.078	ng		98
72) Anthracene	17.615	178	479396	41.176	ng		99
73) Carbazole	17.885	167	466980	41.263	ng		99
74) Di-n-butylphthalate	18.431	149	511820	39.876	ng		97
75) Fluoranthene	19.530	202	613121	40.701	ng		100
77) Benzidine	19.706	184	166261m	27.752	ng		
78) Pyrene	19.894	202	613865	41.048	ng		98
80) Butylbenzylphthalate	20.769	149	227583	40.819	ng		99
81) Benzo(a)anthracene	21.750	228	589699	41.074	ng		98
82) 3,3'-Dichlorobenzidine	21.656	252	212716	40.287	ng		99
83) Chrysene	21.821	228	544050	40.832	ng		98
84) Bis(2-ethylhexyl)phtha...	21.639	149	311717	41.362	ng		99
85) Di-n-octyl phthalate	22.878	149	516330	40.966	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.846	276	647794	40.075	ng	#	97
88) Benzo(b)fluoranthene	24.018	252	553206	40.299	ng		99
89) Benzo(k)fluoranthene	24.088	252	556454m	41.244	ng		
90) Benzo(a)pyrene	24.911	252	473616	40.498	ng		96
91) Dibenzo(a,h)anthracene	28.917	278	539060	40.518	ng		96
92) Benzo(g,h,i)perylene	30.039	276	530571	40.461	ng		97

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

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