Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
Data File : BG053080.D
Acq On : 8 Apr 2022 12:28
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 14:59:18 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 14:56:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.122	152	28284	20.000	ng		0.00
21) Naphthalene-d8	10.936	136	118451	20.000	ng		0.00
39) Acenaphthene-d10	14.748	164	92147	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	219705	20.000	ng		0.00
76) Chrysene-d12	21.774	240	210772	20.000	ng		0.00
86) Perylene-d12	25.075	264	216207	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	139751	86.048	ng		0.00
7) Phenol-d6	7.282	99	220005	89.853	ng		0.00
23) Nitrobenzene-d5	9.285	82	241093	102.156	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	121275	97.944	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	537211	85.983	ng		0.00
79) Terphenyl-d14	20.094	244	1018001	85.916	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	32880	40.471	ng		98
3) Pyridine	3.969	79	92002	44.177	ng	#	91
4) n-Nitrosodimethylamine	3.881	42	45093	48.808	ng		82
6) Aniline	7.440	93	127664	44.467	ng		96
8) 2-Chlorophenol	7.687	128	76801	45.004	ng		94
9) Benzaldehyde	7.252	77	57798	38.433	ng		97
10) Phenol	7.305	94	106313	43.986	ng		87
11) bis(2-Chloroethyl)ether	7.534	93	76401	41.857	ng		90
12) 1,3-Dichlorobenzene	8.016	146	87630m	42.648	ng		
13) 1,4-Dichlorobenzene	8.157	146	89528	43.366	ng		96
14) 1,2-Dichlorobenzene	8.480	146	84605	43.333	ng		99
15) Benzyl Alcohol	8.357	79	98146	47.606	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.651	45	132216	41.595	ng		97
17) 2-Methylphenol	8.562	107	72212	44.817	ng		96
18) Hexachloroethane	9.215	117	34098	45.018	ng		96
19) n-Nitroso-di-n-propyla...	8.927	70	80015	46.140	ng	#	93
20) 3+4-Methylphenols	8.891	107	104204	46.211	ng		92
22) Acetophenone	8.944	105	136686	44.591	ng	#	96
24) Nitrobenzene	9.326	77	114770	48.603	ng		91
25) Isophorone	9.849	82	208871	45.707	ng		97
26) 2-Nitrophenol	10.043	139	49832	60.768	ng	#	89
27) 2,4-Dimethylphenol	10.096	122	71670	42.721	ng		91
28) bis(2-Chloroethoxy)met...	10.331	93	117057	43.321	ng		99
29) 2,4-Dichlorophenol	10.583	162	90705	48.049	ng		96
30) 1,2,4-Trichlorobenzene	10.795	180	100559	45.156	ng		98
31) Naphthalene	10.989	128	263230	42.974	ng		98
32) Benzoic acid	10.237	122	47287	41.938	ng	#	78
33) 4-Chloroaniline	11.088	127	114331	44.039	ng		96
34) Hexachlorobutadiene	11.276	225	74180	46.459	ng		97
35) Caprolactam	11.852	113	32067	62.210	ng		91
36) 4-Chloro-3-methylphenol	12.205	107	105368	48.066	ng		96
37) 2-Methylnaphthalene	12.581	142	194016	43.251	ng		94
38) 1-Methylnaphthalene	12.798	142	189382	43.258	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.951	216	126150	43.819	ng		99
41) Hexachlorocyclopentadiene	12.933	237	67698	39.672	ng		89
43) 2,4,6-Trichlorophenol	13.186	196	89165	48.364	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	94810	50.666	ng		96
46) 1,1'-Biphenyl	13.579	154	266484	41.353	ng		98
47) 2-Chloronaphthalene	13.626	162	213632	42.096	ng		98
48) 2-Nitroaniline	13.820	65	84794	61.094	ng		93
49) Acenaphthylene	14.472	152	340213	42.054	ng		97
50) Dimethylphthalate	14.190	163	299787	43.774	ng		99
51) 2,6-Dinitrotoluene	14.313	165	62428	53.991	ng	#	85
52) Acenaphthene	14.813	154	230958	44.563	ng		94
53) 3-Nitroaniline	14.642	138	67616	49.974	ng		91
54) 2,4-Dinitrophenol	14.848	184	41532	65.895	ng	#	85
55) Dibenzofuran	15.142	168	353497	41.767	ng		99
56) 4-Nitrophenol	14.948	139	53480	48.456	ng	#	74
57) 2,4-Dinitrotoluene	15.101	165	90970	56.703	ng		89
58) Fluorene	15.794	166	287609	41.688	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	92780	46.387	ng		97
60) Diethylphthalate	15.553	149	313949	43.429	ng		99
61) 4-Chlorophenyl-phenyle...	15.776	204	163783	43.047	ng		95
62) 4-Nitroaniline	15.806	138	69567	48.660	ng	#	81
63) Azobenzene	16.070	77	314997	40.768	ng		97
65) 4,6-Dinitro-2-methylph...	15.864	198	64104	65.447	ng		96
66) n-Nitrosodiphenylamine	15.994	169	258752	41.833	ng		97
67) 4-Bromophenyl-phenylether	16.675	248	116789	44.091	ng		97
68) Hexachlorobenzene	16.798	284	125177	43.966	ng		93
69) Atrazine	16.933	200	99447	43.603	ng		97
70) Pentachlorophenol	17.145	266	73651	41.697	ng		94
71) Phenanthrene	17.533	178	489936	41.684	ng		97
72) Anthracene	17.627	178	484798	41.724	ng		99
73) Carbazole	17.891	167	470937	40.924	ng		99
74) Di-n-butylphthalate	18.437	149	533720	42.455	ng		97
75) Fluoranthene	19.536	202	620333	41.578	ng		99
77) Benzidine	19.712	184	228899	42.106	ng		98
78) Pyrene	19.900	202	617472	42.233	ng		99
80) Butylbenzylphthalate	20.775	149	232999	44.926	ng		99
81) Benzo(a)anthracene	21.756	228	588444	41.693	ng		99
82) 3,3'-Dichlorobenzidine	21.662	252	216489	43.437	ng		100
83) Chrysene	21.827	228	545820	41.137	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	307741	43.632	ng		99
85) Di-n-octyl phthalate	22.884	149	517383	44.064	ng		96
87) Indeno(1,2,3-cd)pyrene	28.864	276	662854	44.791	ng	#	95
88) Benzo(b)fluoranthene	24.030	252	560989	41.789	ng		98
89) Benzo(k)fluoranthene	24.100	252	549115	41.575	ng		99
90) Benzo(a)pyrene	24.923	252	480411	42.277	ng		98
91) Dibenzo(a,h)anthracene	28.929	278	542015	44.449	ng		97
92) Benzo(g,h,i)perylene	30.051	276	535197	44.358	ng		95

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

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