Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055149.D
Acq On : 12 Oct 2022 20:29
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 13 04:28:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 04:19:34 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.302	152	27623	20.000	ng		0.00
21) Naphthalene-d8	11.134	136	118912	20.000	ng		0.00
39) Acenaphthene-d10	14.912	164	99785	20.000	ng		0.00
64) Phenanthrene-d10	17.644	188	254443	20.000	ng		0.00
76) Chrysene-d12	21.927	240	242974	20.000	ng		0.00
86) Perylene-d12	25.341	264	263739	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.817	112	222933	179.258	ng		0.00
7) Phenol-d6	7.439	99	320667	172.090	ng		0.00
23) Nitrobenzene-d5	9.477	82	347563	174.653	ng		0.00
42) 2,4,6-Tribromophenol	16.393	330	231361	261.300	ng		0.00
45) 2-Fluorobiphenyl	13.543	172	878026	137.366	ng		0.00
79) Terphenyl-d14	20.218	244	1730234	143.930	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.643	88	47530	67.547	ng		99
3) Pyridine	4.060	79	151038m	71.380	ng		
4) n-Nitrosodimethylamine	3.966	42	77158	63.763	ng		92
6) Aniline	7.621	93	208537	76.488	ng		98
8) 2-Chlorophenol	7.862	128	132954	92.943	ng		99
9) Benzaldehyde	7.427	77	90815	60.668	ng		99
10) Phenol	7.462	94	178056	84.089	ng		98
11) bis(2-Chloroethyl)ether	7.709	93	122662	70.678	ng		100
12) 1,3-Dichlorobenzene	8.191	146	151402	76.892	ng		98
13) 1,4-Dichlorobenzene	8.337	146	153687	77.127	ng		98
14) 1,2-Dichlorobenzene	8.666	146	145761	75.292	ng		97
15) Benzyl Alcohol	8.537	79	146836	87.733	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.831	45	201255	61.221	ng		98
17) 2-Methylphenol	8.731	107	128914	86.411	ng		97
18) Hexachloroethane	9.401	117	52383	82.905	ng		99
19) n-Nitroso-di-n-propyla...	9.113	70	126053	69.836	ng		96
20) 3+4-Methylphenols	9.066	107	186003	89.526	ng		96
22) Acetophenone	9.131	105	226901	75.245	ng	#	99
24) Nitrobenzene	9.518	77	178950	82.817	ng		98
25) Isophorone	10.047	82	340572	80.523	ng		98
26) 2-Nitrophenol	10.235	139	90027	142.695	ng		99
27) 2,4-Dimethylphenol	10.276	122	131773	90.884	ng		97
28) bis(2-Chloroethoxy)met...	10.517	93	164456	75.989	ng		99
29) 2,4-Dichlorophenol	10.770	162	161046	104.492	ng		99
30) 1,2,4-Trichlorobenzene	10.993	180	165961	79.914	ng		98
31) Naphthalene	11.187	128	486391	77.501	ng		99
32) Benzoic acid	10.435	122	121125m	135.773	ng		
33) 4-Chloroaniline	11.281	127	220659	85.028	ng		97
34) Hexachlorobutadiene	11.463	225	105451	78.308	ng		96
35) Caprolactam	12.068	113	66500m	117.900	ng		
36) 4-Chloro-3-methylphenol	12.380	107	184585	101.336	ng		96
37) 2-Methylnaphthalene	12.768	142	372645	80.572	ng		99
38) 1-Methylnaphthalene	12.985	142	361288	80.309	ng		98
40) 1,2,4,5-Tetrachloroben...	13.126	216	208515	71.568	ng		99
41) Hexachlorocyclopentadiene	13.102	237	110620	88.172	ng		99
43) 2,4,6-Trichlorophenol	13.355	196	158611	108.314	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.426	196	177439	103.980	ng		98
46)	1,1'-Biphenyl	13.755	154	491104	71.782	ng		100
47)	2-Chloronaphthalene	13.802	162	402945	73.090	ng		99
48)	2-Nitroaniline	13.996	65	154318	119.010	ng		97
49)	Acenaphthylene	14.642	152	683133	74.830	ng		98
50)	Dimethylphthalate	14.360	163	602706	88.991	ng		99
51)	2,6-Dinitrotoluene	14.483	165	132776	108.716	ng		97
52)	Acenaphthene	14.977	154	457157	80.650	ng		98
53)	3-Nitroaniline	14.812	138	152990	105.670	ng		99
54)	2,4-Dinitrophenol	15.012	184	90484	143.736	ng		89
55)	Dibenzofuran	15.306	168	684895	75.731	ng		99
56)	4-Nitrophenol	15.100	139	123540	112.836	ng		97
57)	2,4-Dinitrotoluene	15.259	165	198023	117.952	ng		99
58)	Fluorene	15.952	166	567540	78.421	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.523	232	180737	113.012	ng		100
60)	Diethylphthalate	15.705	149	644172	92.180	ng		99
61)	4-Chlorophenyl-phenyle...	15.934	204	307319	78.120	ng		98
62)	4-Nitroaniline	15.970	138	159296	97.771	ng		94
63)	Azobenzene	16.228	77	549683	69.840	ng		98
65)	4,6-Dinitro-2-methylph...	16.023	198	133779	141.058	ng		98
66)	n-Nitrosodiphenylamine	16.152	169	517177	78.047	ng		97
67)	4-Bromophenyl-phenylether	16.828	248	222606	82.724	ng		98
68)	Hexachlorobenzene	16.951	284	250837	80.625	ng		98
69)	Atrazine	17.080	200	180505	83.609	ng		99
70)	Pentachlorophenol	17.286	266	163080	109.466	ng		96
71)	Phenanthrene	17.691	178	999110	74.752	ng		99
72)	Anthracene	17.779	178	968727	74.521	ng		97
73)	Carbazole	18.044	167	895003	78.440	ng		99
74)	Di-n-butylphthalate	18.578	149	1089218	91.448	ng		99
75)	Fluoranthene	19.677	202	1190060	71.372	ng		97
77)	Benzidine	19.842	184	340498	81.347	ng		100
78)	Pyrene	20.036	202	1201672	74.378	ng		96
80)	Butylbenzylphthalate	20.899	149	489209	113.977	ng		99
81)	Benzo(a)anthracene	21.910	228	1180206	76.463	ng		97
82)	3,3'-Dichlorobenzidine	21.810	252	405757	90.429	ng		98
83)	Chrysene	21.980	228	1114905	74.945	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.786	149	679475	103.764	ng		98
85)	Di-n-octyl phthalate	23.067	149	1135880	103.956	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.295	276	1530058	80.390	ng	#	96
88)	Benzo(b)fluoranthene	24.260	252	1221738	78.621	ng		99
89)	Benzo(k)fluoranthene	24.336	252	1185521	75.727	ng		99
90)	Benzo(a)pyrene	25.188	252	1043419	78.342	ng		100
91)	Dibenzo(a,h)anthracene	29.366	278	1254897	81.164	ng		99
92)	Benzo(g,h,i)perylene	30.541	276	1240877	79.950	ng		98

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

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