Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055147.D
Acq On : 12 Oct 2022 19:05
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 04:26:59 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 :
SSTDICC050

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	8.300	152	32013	20.000	ng		0.00
21) Naphthalene-d8	11.138	136	145422	20.000	ng		0.00
39) Acenaphthene-d10	14.916	164	114242	20.000	ng		0.00
64) Phenanthrene-d10	17.642	188	276509	20.000	ng		0.00
76) Chrysene-d12	21.925	240	257783	20.000	ng		0.00
86) Perylene-d12	25.339	264	277242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.820	112	155705	108.032	ng		0.00
7) Phenol-d6	7.436	99	236738	109.626	ng		0.00
23) Nitrobenzene-d5	9.475	82	263437	108.247	ng		0.00
42) 2,4,6-Tribromophenol	16.390	330	157170	155.045	ng		0.00
45) 2-Fluorobiphenyl	13.541	172	675388	92.292	ng		0.00
79) Terphenyl-d14	20.221	244	1206238	94.577	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.641	88	31007	38.023	ng		97
3) Pyridine	4.058	79	105542m	43.039	ng		
4) n-Nitrosodimethylamine	3.970	42	55277	39.416	ng		98
6) Aniline	7.618	93	152697	48.327	ng		98
8) 2-Chlorophenol	7.859	128	97494	58.808	ng		98
9) Benzaldehyde	7.430	77	74074	42.699	ng		94
10) Phenol	7.460	94	133520	54.409	ng		99
11) bis(2-Chloroethyl)ether	7.706	93	91800	45.642	ng		99
12) 1,3-Dichlorobenzene	8.194	146	109609	48.033	ng		96
13) 1,4-Dichlorobenzene	8.341	146	112295	48.627	ng		97
14) 1,2-Dichlorobenzene	8.664	146	106937	47.663	ng		99
15) Benzyl Alcohol	8.535	79	108601	55.990	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.823	45	154665	40.597	ng		100
17) 2-Methylphenol	8.729	107	96740	55.952	ng		97
18) Hexachloroethane	9.404	117	38740	52.905	ng		98
19) n-Nitroso-di-n-propyla...	9.111	70	98743	47.204	ng	#	97
20) 3+4-Methylphenols	9.064	107	140255	58.250	ng		97
22) Acetophenone	9.128	105	172937	46.895	ng	#	98
24) Nitrobenzene	9.522	77	138100	52.261	ng		100
25) Isophorone	10.039	82	259552	50.180	ng		100
26) 2-Nitrophenol	10.233	139	67187	87.080	ng		99
27) 2,4-Dimethylphenol	10.274	122	99567	56.153	ng		99
28) bis(2-Chloroethoxy)met...	10.521	93	127294	48.096	ng		98
29) 2,4-Dichlorophenol	10.768	162	120023	63.678	ng		100
30) 1,2,4-Trichlorobenzene	10.991	180	126457	49.792	ng		97
31) Naphthalene	11.185	128	368886	48.063	ng		99
32) Benzoic acid	10.415	122	86066	78.887	ng		95
33) 4-Chloroaniline	11.279	127	163048	51.375	ng		98
34) Hexachlorobutadiene	11.461	225	80517	48.892	ng		99
35) Caprolactam	12.054	113	45812	66.415	ng		96
36) 4-Chloro-3-methylphenol	12.372	107	135778	60.953	ng		98
37) 2-Methylnaphthalene	12.765	142	283083	50.049	ng		99
38) 1-Methylnaphthalene	12.983	142	274914	49.969	ng		99
40) 1,2,4,5-Tetrachloroben...	13.124	216	158300	47.457	ng		99
41) Hexachlorocyclopentadiene	13.106	237	83361	58.036	ng		99
43) 2,4,6-Trichlorophenol	13.353	196	116271	69.352	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.423	196	128504	65.774	ng		97
46)	1,1'-Biphenyl	13.752	154	369299	47.148	ng		100
47)	2-Chloronaphthalene	13.799	162	300389	47.592	ng		99
48)	2-Nitroaniline	13.993	65	108572	73.135	ng		98
49)	Acenaphthylene	14.640	152	499363	47.778	ng		99
50)	Dimethylphthalate	14.357	163	434881	56.086	ng		99
51)	2,6-Dinitrotoluene	14.475	165	92498	66.153	ng		99
52)	Acenaphthene	14.974	154	329403	50.758	ng		99
53)	3-Nitroaniline	14.810	138	103881	62.671	ng		99
54)	2,4-Dinitrophenol	15.010	184	58437	81.081	ng		89
55)	Dibenzofuran	15.309	168	500259	48.315	ng		99
56)	4-Nitrophenol	15.092	139	80893	64.534	ng		91
57)	2,4-Dinitrotoluene	15.256	165	134131	69.784	ng		99
58)	Fluorene	15.950	166	404359	48.802	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.521	232	125474	68.528	ng		99
60)	Diethylphthalate	15.703	149	447896	55.982	ng		98
61)	4-Chlorophenyl-phenyle...	15.938	204	219677	48.775	ng		99
62)	4-Nitroaniline	15.967	138	107794	57.788	ng		98
63)	Azobenzene	16.226	77	390376	43.323	ng		99
65)	4,6-Dinitro-2-methylph...	16.014	198	87599	84.994	ng		99
66)	n-Nitrosodiphenylamine	16.150	169	365121	50.703	ng		98
67)	4-Bromophenyl-phenylether	16.825	248	153327	52.432	ng		98
68)	Hexachlorobenzene	16.949	284	171909	50.846	ng		98
69)	Atrazine	17.084	200	128854	54.922	ng		99
70)	Pentachlorophenol	17.289	266	107591	66.456	ng		95
71)	Phenanthrene	17.689	178	691848	47.633	ng		99
72)	Anthracene	17.777	178	675620	47.826	ng		100
73)	Carbazole	18.041	167	611206	49.293	ng		99
74)	Di-n-butylphthalate	18.576	149	741199	57.263	ng		100
75)	Fluoranthene	19.675	202	825144	45.538	ng		99
77)	Benzidine	19.839	184	233874	52.664	ng		98
78)	Pyrene	20.033	202	827764	48.291	ng		99
80)	Butylbenzylphthalate	20.897	149	324695	71.302	ng		100
81)	Benzo(a)anthracene	21.907	228	798839	48.782	ng		99
82)	3,3'-Dichlorobenzidine	21.808	252	273887	57.533	ng		100
83)	Chrysene	21.978	228	755101	47.842	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.784	149	454818	65.466	ng		99
85)	Di-n-octyl phthalate	23.065	149	763567	65.867	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.281	276	999105	49.937	ng	#	95
88)	Benzo(b)fluoranthene	24.252	252	797729	48.835	ng		100
89)	Benzo(k)fluoranthene	24.328	252	803462	48.823	ng		99
90)	Benzo(a)pyrene	25.180	252	684892	48.918	ng		99
91)	Dibenzo(a,h)anthracene	29.352	278	821795	50.563	ng		99
92)	Benzo(g,h,i)perylene	30.521	276	806811	49.451	ng		98

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

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