Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054973.D
Acq On : 19 Sep 2022 14:56
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 16:06:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 16:00:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	35477	20.000	ng		0.00
21) Naphthalene-d8	10.890	136	136304	20.000	ng	#	0.00
39) Acenaphthene-d10	14.703	164	96920	20.000	ng		0.00
64) Phenanthrene-d10	17.453	188	235774	20.000	ng		0.00
76) Chrysene-d12	21.730	240	229440	20.000	ng		0.00
86) Perylene-d12	25.038	264	252946	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.596	112	181458	89.067	ng		0.00
7) Phenol-d6	7.224	99	242192	86.926	ng		0.00
23) Nitrobenzene-d5	9.239	82	236139	90.947	ng		0.00
42) 2,4,6-Tribromophenol	16.195	330	116786	96.431	ng		0.00
45) 2-Fluorobiphenyl	13.328	172	599385	92.951	ng		0.00
79) Terphenyl-d14	20.056	244	1052750	90.913	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	42995	44.195	ng		89
3) Pyridine	3.827	79	119447m	44.020	ng		
4) n-Nitrosodimethylamine	3.745	42	44327	37.790	ng	#	78
6) Aniline	7.382	93	151359	45.723	ng		95
8) 2-Chlorophenol	7.623	128	104692	47.034	ng		96
9) Benzaldehyde	7.194	77	72176	39.524	ng		93
10) Phenol	7.253	94	130633	45.591	ng		94
11) bis(2-Chloroethyl)ether	7.476	93	101471	44.033	ng		93
12) 1,3-Dichlorobenzene	7.952	146	122126	47.411	ng		97
13) 1,4-Dichlorobenzene	8.099	146	124202	47.802	ng		97
14) 1,2-Dichlorobenzene	8.422	146	116135	47.139	ng		96
15) Benzyl Alcohol	8.305	79	89043	44.237	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.587	45	125606	34.834	ng		94
17) 2-Methylphenol	8.510	107	91480	46.371	ng		97
18) Hexachloroethane	9.151	117	42471	45.078	ng		91
19) n-Nitroso-di-n-propyla...	8.869	70	82270	42.939	ng	#	91
20) 3+4-Methylphenols	8.839	107	128631	47.021	ng		94
22) Acetophenone	8.892	105	158828	46.576	ng	#	94
24) Nitrobenzene	9.280	77	117420	44.867	ng		96
25) Isophorone	9.803	82	220664	45.580	ng		97
26) 2-Nitrophenol	9.997	139	63365	54.813	ng		97
27) 2,4-Dimethylphenol	10.050	122	87407	47.721	ng		95
28) bis(2-Chloroethoxy)met...	10.279	93	125090	45.344	ng		99
29) 2,4-Dichlorophenol	10.537	162	106599	51.168	ng		97
30) 1,2,4-Trichlorobenzene	10.749	180	118230	49.660	ng		97
31) Naphthalene	10.937	128	349607	47.806	ng		99
32) Benzoic acid	10.396	122	13069m	11.316	ng		
33) 4-Chloroaniline	11.048	127	145796	48.902	ng		97
34) Hexachlorobutadiene	11.207	225	79328	52.006	ng		99
35) Caprolactam	11.830	113	38373	52.209	ng	#	76
36) 4-Chloro-3-methylphenol	12.171	107	111843	49.093	ng		98
37) 2-Methylnaphthalene	12.541	142	249153	48.610	ng		100
38) 1-Methylnaphthalene	12.758	142	244259	48.981	ng		98
40) 1,2,4,5-Tetrachloroben...	12.905	216	140438	48.069	ng		98
41) Hexachlorocyclopentadiene	12.876	237	13686	8.833	ng		96
43) 2,4,6-Trichlorophenol	13.146	196	84271	43.456	ng		99

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44)	2,4,5-Trichlorophenol	13.228	196	97838	44.925	ng		97
46)	1,1'-Biphenyl	13.540	154	321272	44.638	ng		99
47)	2-Chloronaphthalene	13.587	162	252003	46.103	ng		99
48)	2-Nitroaniline	13.798	65	76525	44.672	ng		88
49)	Acenaphthylene	14.433	152	421898	46.774	ng		100
50)	Dimethylphthalate	14.157	163	357762	47.914	ng		100
51)	2,6-Dinitrotoluene	14.286	165	77839	50.967	ng	#	80
52)	Acenaphthene	14.773	154	263958m	45.557	ng		
53)	3-Nitroaniline	14.621	138	85712	50.133	ng		90
54)	2,4-Dinitrophenol	14.838	184	21209	29.154	ng		96
55)	Dibenzofuran	15.102	168	410109	48.170	ng		98
56)	4-Nitrophenol	14.938	139	49677	37.547	ng		89
57)	2,4-Dinitrotoluene	15.073	165	112372	53.194	ng	#	82
58)	Fluorene	15.755	166	345910	48.228	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.338	232	83772	42.672	ng	#	92
60)	Diethylphthalate	15.508	149	355344	47.658	ng		96
61)	4-Chlorophenyl-phenyle...	15.737	204	176176	49.792	ng		96
62)	4-Nitroaniline	15.784	138	88463	50.679	ng		91
63)	Azobenzene	16.031	77	295781	41.742	ng		92
65)	4,6-Dinitro-2-methylph...	15.843	198	57044	47.531	ng		88
66)	n-Nitrosodiphenylamine	15.954	169	308560	45.381	ng		99
67)	4-Bromophenyl-phenylether	16.630	248	128427	49.612	ng		96
68)	Hexachlorobenzene	16.754	284	145560	50.020	ng		96
69)	Atrazine	16.895	200	115875	48.307	ng		98
70)	Pentachlorophenol	17.112	266	33108	20.940	ng		99
71)	Phenanthrene	17.494	178	582499	46.378	ng		99
72)	Anthracene	17.588	178	572045	46.846	ng		100
73)	Carbazole	17.858	167	519836	46.205	ng		100
74)	Di-n-butylphthalate	18.393	149	644285	45.256	ng		99
75)	Fluoranthene	19.503	202	725721	47.498	ng		98
77)	Benzidine	19.680	184	265807	46.773	ng		99
78)	Pyrene	19.868	202	739038	46.194	ng		99
80)	Butylbenzylphthalate	20.731	149	293787	44.024	ng		94
81)	Benzo(a)anthracene	21.712	228	725075	46.609	ng		100
82)	3,3'-Dichlorobenzidine	21.618	252	254049	46.578	ng		98
83)	Chrysene	21.783	228	690986	46.455	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.589	149	421973	43.889	ng	#	98
85)	Di-n-octyl phthalate	22.817	149	724274	44.420	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	28.857	276	917732	47.792	ng	#	95
88)	Benzo(b)fluoranthene	23.980	252	740681	46.679	ng		99
89)	Benzo(k)fluoranthene	24.051	252	741558	46.437	ng		97
90)	Benzo(a)pyrene	24.879	252	634746	46.822	ng		98
91)	Dibenzo(a,h)anthracene	28.910	278	750947	48.001	ng		98
92)	Benzo(g,h,i)perylene	30.056	276	755469	47.801	ng	#	95

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

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