Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
Data File : BG052305.D
Acq On : 7 Feb 2022 14:55
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 07 15:39:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:36:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	31096	20.000	ng		0.00
21) Naphthalene-d8	11.067	136	132916	20.000	ng	#	0.00
39) Acenaphthene-d10	14.873	164	97458	20.000	ng		0.00
64) Phenanthrene-d10	17.622	188	231652	20.000	ng		0.00
76) Chrysene-d12	21.940	240	216931	20.000	ng		0.00
86) Perylene-d12	25.406	264	226312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	140849	71.727	ng		0.00
7) Phenol-d6	7.372	99	222343	75.497	ng		0.00
23) Nitrobenzene-d5	9.398	82	239730	69.429	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	111366	75.757	ng		0.00
45) 2-Fluorobiphenyl	13.493	172	547685	75.394	ng		0.00
79) Terphenyl-d14	20.213	244	980007	77.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.583	88	30964	33.094	ng		94
3) Pyridine	3.994	79	96035	34.914	ng		94
4) n-Nitrosodimethylamine	3.900	42	48171	31.253	ng	#	80
6) Aniline	7.536	93	130673	38.082	ng		97
8) 2-Chlorophenol	7.789	128	75709	37.415	ng		95
9) Benzaldehyde	7.348	77	63841	28.206	ng		94
10) Phenol	7.395	94	109560	37.964	ng		97
11) bis(2-Chloroethyl)ether	7.630	93	80599	36.911	ng		96
12) 1,3-Dichlorobenzene	8.118	146	87433	37.137	ng		95
13) 1,4-Dichlorobenzene	8.264	146	89322	38.307	ng		97
14) 1,2-Dichlorobenzene	8.588	146	87447	38.216	ng		96
15) Benzyl Alcohol	8.458	79	94481	38.539	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.746	45	115611	33.118	ng		99
17) 2-Methylphenol	8.664	107	72117	37.590	ng		94
18) Hexachloroethane	9.328	117	30155	36.021	ng		93
19) n-Nitroso-di-n-propyla...	9.028	70	81526	36.283	ng		90
20) 3+4-Methylphenols	8.993	107	104233	38.916	ng		91
22) Acetophenone	9.052	105	136381	36.417	ng	#	95
24) Nitrobenzene	9.445	77	115731	35.432	ng		96
25) Isophorone	9.968	82	205723	35.626	ng		97
26) 2-Nitrophenol	10.162	139	50204	40.092	ng		91
27) 2,4-Dimethylphenol	10.215	122	72655	38.076	ng		98
28) bis(2-Chloroethoxy)met...	10.450	93	116097	35.966	ng		99
29) 2,4-Dichlorophenol	10.708	162	85913	38.490	ng		98
30) 1,2,4-Trichlorobenzene	10.926	180	98745	37.011	ng		99
31) Naphthalene	11.114	128	272291	37.847	ng		96
32) Benzoic acid	10.350	122	43016	30.064	ng		91
33) 4-Chloroaniline	11.213	127	117040	37.619	ng		98
34) Hexachlorobutadiene	11.401	225	65758	34.988	ng		94
35) Caprolactam	11.977	113	31991	35.629	ng	#	92
36) 4-Chloro-3-methylphenol	12.330	107	100296	37.341	ng		96
37) 2-Methylnaphthalene	12.711	142	201539	37.335	ng		99
38) 1-Methylnaphthalene	12.929	142	199611m	38.398	ng		
40) 1,2,4,5-Tetrachloroben...	13.076	216	124557	37.883	ng		99
41) Hexachlorocyclopentadiene	13.058	237	54242	27.873	ng		99
43) 2,4,6-Trichlorophenol	13.311	196	83896	37.539	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	89660	36.925	ng		94
46) 1,1'-Biphenyl	13.704	154	279743	37.960	ng		98
47) 2-Chloronaphthalene	13.757	162	215638	37.459	ng		98
48) 2-Nitroaniline	13.945	65	77978	35.030	ng		96
49) Acenaphthylene	14.597	152	349291	37.872	ng		99
50) Dimethylphthalate	14.315	163	290039	36.113	ng		99
51) 2,6-Dinitrotoluene	14.433	165	64101	37.848	ng		96
52) Acenaphthene	14.938	154	230843	37.833	ng		99
53) 3-Nitroaniline	14.767	138	67437	36.664	ng		99
54) 2,4-Dinitrophenol	14.973	184	36022	36.262	ng		93
55) Dibenzofuran	15.273	168	353796	36.850	ng		99
56) 4-Nitrophenol	15.073	139	51500	35.247	ng	#	84
57) 2,4-Dinitrotoluene	15.220	165	92126	38.096	ng	#	92
58) Fluorene	15.919	166	287654	36.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.496	232	85428	36.054	ng	#	98
60) Diethylphthalate	15.666	149	293808	35.098	ng		98
61) 4-Chlorophenyl-phenyle...	15.901	204	161463	36.234	ng		96
62) 4-Nitroaniline	15.931	138	70486	36.027	ng		92
63) Azobenzene	16.195	77	298669	33.894	ng		96
65) 4,6-Dinitro-2-methylph...	15.989	198	58716	39.643	ng		94
66) n-Nitrosodiphenylamine	16.113	169	256578	39.498	ng		97
67) 4-Bromophenyl-phenylether	16.800	248	112076	40.238	ng		93
68) Hexachlorobenzene	16.929	284	120879	40.453	ng		92
69) Atrazine	17.058	200	104483	36.973	ng		95
70) Pentachlorophenol	17.270	266	61884	36.432	ng		97
71) Phenanthrene	17.664	178	469389	38.732	ng		98
72) Anthracene	17.758	178	462864	39.125	ng		100
73) Carbazole	18.022	167	450398	38.042	ng		98
74) Di-n-butylphthalate	18.562	149	496089	37.425	ng		99
75) Fluoranthene	19.667	202	589974	37.222	ng		100
77) Benzidine	19.831	184	213242	34.017	ng		99
78) Pyrene	20.031	202	593944	39.903	ng		98
80) Butylbenzylphthalate	20.894	149	208602	39.289	ng		99
81) Benzo(a)anthracene	21.917	228	578114	38.823	ng		99
82) 3,3'-Dichlorobenzidine	21.817	252	206785	38.075	ng		99
83) Chrysene	21.987	228	541277	38.600	ng		99
84) Bis(2-ethylhexyl)phtha...	21.799	149	296142	39.687	ng		100
85) Di-n-octyl phthalate	23.091	149	487223	38.832	ng		96
87) Indeno(1,2,3-cd)pyrene	29.401	276	662632	40.436	ng	#	95
88) Benzo(b)fluoranthene	24.296	252	562938	39.381	ng		98
89) Benzo(k)fluoranthene	24.366	252	562910	39.797	ng		98
90) Benzo(a)pyrene	25.241	252	478975	39.452	ng		99
91) Dibenzo(a,h)anthracene	29.477	278	545088	40.221	ng		96
92) Benzo(g,h,i)perylene	30.664	276	536490	40.353	ng		100

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

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