Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048812.D
Acq On : 21 Apr 2021 9:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 21 11:27:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad

4/22/2021 12:09:26 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	19964	20.00	ng		# 0.00
21) Naphthalene-d8	10.887	136	86303	20.00	ng		# 0.00
39) Acenaphthene-d10	14.724	164	61355	20.00	ng		0.00
64) Phenanthrene-d10	17.479	188	148166	20.00	ng		# 0.00
76) Chrysene-d12	21.780	240	135871	20.00	ng		# 0.00
86) Perylene-d12	25.106	264	142336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	97441	81.63	ng		0.00
7) Phenol-d6	7.227	99	144361	85.50	ng		0.00
23) Nitrobenzene-d5	9.236	82	151968	78.83	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	64628	78.56	ng		0.00
45) 2-Fluorobiphenyl	13.343	172	338464	79.67	ng		0.00
79) Terphenyl-d14	20.094	244	620230	78.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	18024	38.54	ng		90
3) Pyridine	3.866	79	54928	45.06	ng	#	83
4) n-Nitrosodimethylamine	3.784	42	38635	41.51	ng	#	92
6) Aniline	7.379	93	81054	42.77	ng		97
8) 2-Chlorophenol	7.626	128	53867	42.54	ng		93
9) Benzaldehyde	7.191	77	51772	46.28	ng		90
10) Phenol	7.250	94	72325	43.56	ng		94
11) bis(2-Chloroethyl)ether	7.473	93	47077	42.07	ng		98
12) 1,3-Dichlorobenzene	7.949	146	60807	41.76	ng		95
13) 1,4-Dichlorobenzene	8.102	146	63312	42.67	ng		89
14) 1,2-Dichlorobenzene	8.419	146	58811	42.96	ng		98
15) Benzyl Alcohol	8.302	79	63270	42.53	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.596	45	51919	42.81	ng		95
17) 2-Methylphenol	8.513	107	44896	42.36	ng		98
18) Hexachloroethane	9.154	117	23913	41.03	ng		98
19) n-Nitroso-di-n-propyla...	8.872	70	48320	42.42	ng		94
20) 3+4-Methylphenols	8.848	107	64221	43.91	ng		95
22) Acetophenone	8.889	105	89372	39.79	ng	#	93
24) Nitrobenzene	9.277	77	78692	40.93	ng		96
25) Isophorone	9.800	82	135462	39.74	ng		95
26) 2-Nitrophenol	9.994	139	32814	39.43	ng		96
27) 2,4-Dimethylphenol	10.053	122	52746	41.23	ng		92
28) bis(2-Chloroethoxy)met...	10.282	93	62023	41.76	ng		94
29) 2,4-Dichlorophenol	10.540	162	55629	38.55	ng		92
30) 1,2,4-Trichlorobenzene	10.752	180	64451	38.52	ng		96
31) Naphthalene	10.940	128	180244	40.70	ng		96
32) Benzoic acid	10.223	122	20618m	27.51	ng		
33) 4-Chloroaniline	11.046	127	77302	41.95	ng		97
34) Hexachlorobutadiene	11.222	225	49671	39.99	ng		95
35) Caprolactam	11.833	113	21368	43.58	ng		89
36) 4-Chloro-3-methylphenol	12.180	107	66962	40.98	ng		97
37) 2-Methylnaphthalene	12.550	142	139769	39.50	ng		99
38) 1-Methylnaphthalene	12.767	142	132155	40.14	ng		99
40) 1,2,4,5-Tetrachloroben...	12.914	216	79069	39.59	ng		97
41) Hexachlorocyclopentadiene	12.891	237	29653	31.09	ng		93
43) 2,4,6-Trichlorophenol	13.155	196	52093	39.08	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.237	196	55005	38.86	ng		94
46)	1,1'-Biphenyl	13.555	154	180731	39.88	ng		96
47)	2-Chloronaphthalene	13.602	162	137039	39.58	ng		97
48)	2-Nitroaniline	13.801	65	51603	41.48	ng		88
49)	Acenaphthylene	14.448	152	211978	39.25	ng		98
50)	Dimethylphthalate	14.172	163	184647	40.12	ng		98
51)	2,6-Dinitrotoluene	14.295	165	43074	40.57	ng		93
52)	Acenaphthene	14.788	154	139999	40.82	ng		98
53)	3-Nitroaniline	14.630	138	41131	40.35	ng	#	88
54)	2,4-Dinitrophenol	14.835	184	18704	32.69	ng		89
55)	Dibenzofuran	15.123	168	227048	39.99	ng	#	97
56)	4-Nitrophenol	14.947	139	29264	38.75	ng		93
57)	2,4-Dinitrotoluene	15.088	165	62115	40.28	ng		95
58)	Fluorene	15.775	166	185830	39.85	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.352	232	49496	37.80	ng		98
60)	Diethylphthalate	15.535	149	192522	40.44	ng		96
61)	4-Chlorophenyl-phenyle...	15.764	204	100984	39.38	ng		99
62)	4-Nitroaniline	15.799	138	44484	40.82	ng		88
63)	Azobenzene	16.058	77	194624	40.59	ng		92
65)	4,6-Dinitro-2-methylph...	15.852	198	39500	39.82	ng		88
66)	n-Nitrosodiphenylamine	15.975	169	169773	40.54	ng		96
67)	4-Bromophenyl-phenylether	16.663	248	66805	39.17	ng		94
68)	Hexachlorobenzene	16.780	284	68558	39.69	ng		95
69)	Atrazine	16.927	200	69320	39.81	ng		95
70)	Pentachlorophenol	17.133	266	29881	32.46	ng		99
71)	Phenanthrene	17.521	178	304658	39.62	ng		94
72)	Anthracene	17.615	178	303729	39.92	ng		98
73)	Carbazole	17.885	167	291622	40.01	ng		99
74)	Di-n-butylphthalate	18.431	149	329074	40.27	ng		99
75)	Fluoranthene	19.536	202	383117	39.39	ng		98
77)	Benzidine	19.712	184	151715	41.12	ng		96
78)	Pyrene	19.900	202	379469	40.37	ng		98
80)	Butylbenzylphthalate	20.776	149	142745	38.83	ng		99
81)	Benzo(a)anthracene	21.763	228	366275	39.45	ng		97
82)	3,3'-Dichlorobenzidine	21.669	252	123013	38.64	ng		91
83)	Chrysene	21.827	228	349090	39.47	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.651	149	208067	40.43	ng		99
85)	Di-n-octyl phthalate	22.897	149	354461	40.46	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.931	276	403307	38.58	ng	#	91
88)	Benzo(b)fluoranthene	24.048	252	386752	40.05	ng	#	95
89)	Benzo(k)fluoranthene	24.119	252	352883m	38.86	ng		
90)	Benzo(a)pyrene	24.953	252	353341	39.72	ng		100
91)	Dibenzo(a,h)anthracene	28.989	278	344446	38.42	ng		99
92)	Benzo(g,h,i)perylene	30.123	276	336144	37.98	ng		99

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

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