Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
Data File : BG050465.D
Acq On : 6 Oct 2021 12:50
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Oct 06 13:52:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 13:49:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	47663	20.00	ng		0.00
21) Naphthalene-d8	11.090	136	187887	20.00	ng		# 0.00
39) Acenaphthene-d10	14.879	164	123314	20.00	ng		0.00
64) Phenanthrene-d10	17.623	188	274091	20.00	ng		# 0.00
76) Chrysene-d12	21.918	240	246662	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	251195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	247111	55.47	ng		0.00
7) Phenol-d6	7.394	99	353474	64.88	ng		0.00
23) Nitrobenzene-d5	9.433	82	358806	108.57	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	92520	46.77	ng		0.00
45) 2-Fluorobiphenyl	13.504	172	639123	63.05	ng		0.00
79) Terphenyl-d14	20.208	244	988370	74.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.663	88	65598	44.33	ng		92
3) Pyridine	4.074	79	177862	33.22	ng		93
4) n-Nitrosodimethylamine	3.986	42	81607	47.46	ng	#	41
6) Aniline	7.576	93	203368	37.69	ng	#	90
8) 2-Chlorophenol	7.817	128	117676	35.14	ng		86
9) Benzaldehyde	7.394	77	122641	38.83	ng		93
10) Phenol	7.423	94	169998	33.15	ng		86
11) bis(2-Chloroethyl)ether	7.670	93	133860	39.74	ng		84
12) 1,3-Dichlorobenzene	8.152	146	134033	36.48	ng		98
13) 1,4-Dichlorobenzene	8.299	146	135468	35.98	ng		96
14) 1,2-Dichlorobenzene	8.616	146	128693	36.19	ng		97
15) Benzyl Alcohol	8.493	79	139073	43.53	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.786	45	215771	77.33	ng		86
17) 2-Methylphenol	8.687	107	110731	38.70	ng		91
18) Hexachloroethane	9.356	117	52118	40.42	ng		92
19) n-Nitroso-di-n-propyla...	9.063	70	128219	49.37	ng	#	88
20) 3+4-Methylphenols	9.016	107	159907	47.94	ng		94
22) Acetophenone	9.086	105	206328	47.69	ng	#	98
24) Nitrobenzene	9.474	77	176711	52.75	ng		98
25) Isophorone	9.997	82	312346	45.93	ng	#	96
26) 2-Nitrophenol	10.191	139	66534	36.94	ng	#	91
27) 2,4-Dimethylphenol	10.226	122	113264	46.24	ng		91
28) bis(2-Chloroethoxy)met...	10.473	93	179425	55.57	ng		92
29) 2,4-Dichlorophenol	10.720	162	115521	41.39	ng		98
30) 1,2,4-Trichlorobenzene	10.943	180	128565	37.03	ng		95
31) Naphthalene	11.137	128	391944	39.04	ng		98
32) Benzoic acid	10.349	122	87983	143.86	ng	#	76
33) 4-Chloroaniline	11.237	127	164433	42.22	ng		97
34) Hexachlorobutadiene	11.413	225	80963	30.53	ng		95
35) Caprolactam	12.006	113	44312	41.60	ng	#	55
36) 4-Chloro-3-methylphenol	12.329	107	142000	37.68	ng	#	91
37) 2-Methylnaphthalene	12.723	142	268042	37.64	ng		93
38) 1-Methylnaphthalene	12.940	142	258645	38.23	ng		91
40) 1,2,4,5-Tetrachloroben...	13.081	216	142030	28.47	ng		99
41) Hexachlorocyclopentadiene	13.058	237	85732	102.99	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	102293	36.05	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.381	196	106349	35.99	ng		90
46) 1,1'-Biphenyl	13.716	154	349416	34.71	ng		92
47) 2-Chloronaphthalene	13.763	162	269218	34.85	ng		98
48) 2-Nitroaniline	13.957	65	111038	48.04	ng		96
49) Acenaphthylene	14.603	152	440480	36.97	ng		98
50) Dimethylphthalate	14.321	163	362739	36.99	ng		100
51) 2,6-Dinitrotoluene	14.445	165	74496	33.39	ng		95
52) Acenaphthene	14.944	154	287050	39.96	ng		91
53) 3-Nitroaniline	14.774	138	87443	41.81	ng		84
54) 2,4-Dinitrophenol	14.979	184	47152	52.23	ng		93
55) Dibenzofuran	15.273	168	432728	36.83	ng		99
56) 4-Nitrophenol	15.061	139	70126	60.55	ng	#	84
57) 2,4-Dinitrotoluene	15.226	165	103862	33.52	ng		92
58) Fluorene	15.919	166	336340	35.37	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.490	232	93188	37.16	ng		96
60) Diethylphthalate	15.678	149	379240	38.60	ng		98
61) 4-Chlorophenyl-phenyle...	15.908	204	184996	36.60	ng		97
62) 4-Nitroaniline	15.937	138	90099	40.87	ng	#	65
63) Azobenzene	16.201	77	438652	46.86	ng		82
65) 4,6-Dinitro-2-methylph...	15.990	198	65567	40.17	ng		85
66) n-Nitrosodiphenylamine	16.119	169	305042	36.75	ng		99
67) 4-Bromophenyl-phenylether	16.801	248	108093	29.77	ng		98
68) Hexachlorobenzene	16.924	284	106895	26.58	ng	#	93
69) Atrazine	17.059	200	120612	37.35	ng		98
70) Pentachlorophenol	17.259	266	75344	67.03	ng		92
71) Phenanthrene	17.664	178	561066	36.02	ng		98
72) Anthracene	17.758	178	559049	36.75	ng		98
73) Carbazole	18.023	167	553237	38.08	ng		100
74) Di-n-butylphthalate	18.563	149	652063	38.67	ng		97
75) Fluoranthene	19.662	202	684109	33.92	ng		96
77) Benzidine	19.832	184	306927	55.17	ng		98
78) Pyrene	20.020	202	688080	41.84	ng		98
80) Butylbenzylphthalate	20.890	149	291719	46.52	ng		93
81) Benzo(a)anthracene	21.901	228	629264	37.86	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	211955	40.69	ng	#	99
83) Chrysene	21.971	228	595037	37.34	ng		97
84) Bis(2-ethylhexyl)phtha...	21.783	149	414606	45.57	ng	#	97
85) Di-n-octyl phthalate	23.064	149	698178	41.97	ng		96
87) Indeno(1,2,3-cd)pyrene	29.251	276	681638	29.86	ng	#	91
88) Benzo(b)fluoranthene	24.245	252	604277	36.15	ng	#	93
89) Benzo(k)fluoranthene	24.315	252	590575	36.27	ng	#	97
90) Benzo(a)pyrene	25.173	252	514507	31.45	ng	#	94
91) Dibenzo(a,h)anthracene	29.327	278	563346	29.74	ng	#	94
92) Benzo(g,h,i)perylene	30.490	276	554963	29.92	ng	#	90

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

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