Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050485.D
Acq On : 7 Oct 2021 16:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 07 17:31:28 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 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	38721	20.00	ng		0.00
21) Naphthalene-d8	11.090	136	159491	20.00	ng		# 0.00
39) Acenaphthene-d10	14.879	164	110184	20.00	ng		0.00
64) Phenanthrene-d10	17.623	188	258987	20.00	ng		# 0.00
76) Chrysene-d12	21.924	240	232770	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	239346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	192604	74.39	ng		0.00
7) Phenol-d6	7.394	99	294876	78.66	ng		0.00
23) Nitrobenzene-d5	9.433	82	305965	79.41	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	85172	81.04	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	565320	77.22	ng		0.00
79) Terphenyl-d14	20.208	244	945931	79.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.657	88	46352	34.57	ng		91
3) Pyridine	4.069	79	138163	37.72	ng		96
4) n-Nitrosodimethylamine	3.980	42	69504	40.26	ng	#	53
6) Aniline	7.576	93	171427	39.36	ng	#	91
8) 2-Chlorophenol	7.817	128	96120	38.56	ng		85
9) Benzaldehyde	7.394	77	99614	42.45	ng		91
10) Phenol	7.423	94	139291	38.22	ng		87
11) bis(2-Chloroethyl)ether	7.670	93	110235	38.75	ng		86
12) 1,3-Dichlorobenzene	8.146	146	108647	37.76	ng		97
13) 1,4-Dichlorobenzene	8.293	146	108725	37.48	ng		96
14) 1,2-Dichlorobenzene	8.616	146	104629	37.76	ng		95
15) Benzyl Alcohol	8.493	79	120954	40.83	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.781	45	179897	38.78	ng		84
17) 2-Methylphenol	8.687	107	93631	39.04	ng		93
18) Hexachloroethane	9.356	117	43381	39.51	ng		92
19) n-Nitroso-di-n-propyla...	9.063	70	105983	38.79	ng	#	92
20) 3+4-Methylphenols	9.016	107	133667	39.60	ng		97
22) Acetophenone	9.086	105	175436	38.69	ng	#	98
24) Nitrobenzene	9.474	77	149374	38.99	ng		97
25) Isophorone	9.997	82	268156	39.24	ng	#	95
26) 2-Nitrophenol	10.191	139	55930	39.76	ng	#	92
27) 2,4-Dimethylphenol	10.232	122	93879	38.63	ng		93
28) bis(2-Chloroethoxy)met...	10.473	93	150130	38.42	ng		92
29) 2,4-Dichlorophenol	10.720	162	99857	40.31	ng		97
30) 1,2,4-Trichlorobenzene	10.943	180	107907	38.35	ng		96
31) Naphthalene	11.137	128	333989	39.12	ng		98
32) Benzoic acid	10.344	122	75237	41.71	ng	#	76
33) 4-Chloroaniline	11.237	127	141740	39.57	ng		96
34) Hexachlorobutadiene	11.413	225	68133	38.57	ng		95
35) Caprolactam	12.012	113	39682	41.86	ng	#	49
36) 4-Chloro-3-methylphenol	12.329	107	126175	40.75	ng	#	89
37) 2-Methylnaphthalene	12.723	142	231793	39.35	ng		95
38) 1-Methylnaphthalene	12.941	142	225020	39.40	ng		92
40) 1,2,4,5-Tetrachloroben...	13.082	216	124955	38.40	ng		98
41) Hexachlorocyclopentadiene	13.058	237	71185	37.85	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	90717	39.57	ng		93

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44) 2,4,5-Trichlorophenol	13.387	196	97177	40.54	ng		89
46) 1,1'-Biphenyl	13.716	154	310136	38.59	ng		94
47) 2-Chloronaphthalene	13.763	162	240444	38.96	ng		100
48) 2-Nitroaniline	13.957	65	104812	42.70	ng		98
49) Acenaphthylene	14.603	152	395085	39.07	ng		96
50) Dimethylphthalate	14.321	163	332172	39.88	ng		100
51) 2,6-Dinitrotoluene	14.445	165	67403	40.41	ng		96
52) Acenaphthene	14.944	154	259803	39.98	ng		92
53) 3-Nitroaniline	14.780	138	82868	42.00	ng		88
54) 2,4-Dinitrophenol	14.979	184	41864	40.45	ng		90
55) Dibenzofuran	15.273	168	395793	39.39	ng		98
56) 4-Nitrophenol	15.062	139	65837	41.48	ng	#	83
57) 2,4-Dinitrotoluene	15.226	165	96485	41.04	ng		94
58) Fluorene	15.919	166	309998	40.16	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.490	232	87606	41.95	ng		97
60) Diethylphthalate	15.678	149	354788	40.54	ng		97
61) 4-Chlorophenyl-phenyle...	15.908	204	170911	40.47	ng		99
62) 4-Nitroaniline	15.937	138	84110	40.97	ng	#	68
63) Azobenzene	16.201	77	411003	40.57	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	60634	38.98	ng		87
66) n-Nitrosodiphenylamine	16.119	169	284957	38.72	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	102387	39.23	ng		97
68) Hexachlorobenzene	16.924	284	99658	38.42	ng	#	92
69) Atrazine	17.059	200	113138	39.03	ng		98
70) Pentachlorophenol	17.265	266	70844	40.12	ng		99
71) Phenanthrene	17.664	178	535317	39.22	ng		98
72) Anthracene	17.758	178	532765	39.28	ng		97
73) Carbazole	18.023	167	526439	38.95	ng		99
74) Di-n-butylphthalate	18.563	149	622564	39.25	ng		98
75) Fluoranthene	19.662	202	651027	38.81	ng		96
77) Benzidine	19.832	184	300714	39.86	ng		98
78) Pyrene	20.020	202	650440	39.38	ng		98
80) Butylbenzylphthalate	20.896	149	274712	39.33	ng		94
81) Benzo(a)anthracene	21.901	228	596264	38.71	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	201676	39.51	ng	#	98
83) Chrysene	21.971	228	561179	38.73	ng		96
84) Bis(2-ethylhexyl)phtha...	21.783	149	390211	39.31	ng	#	95
85) Di-n-octyl phthalate	23.064	149	652075	39.39	ng		95
87) Indeno(1,2,3-cd)pyrene	29.263	276	640011	38.39	ng	#	93
88) Benzo(b)fluoranthene	24.251	252	561458	38.30	ng	#	95
89) Benzo(k)fluoranthene	24.321	252	568268	39.41	ng	#	97
90) Benzo(a)pyrene	25.179	252	483736	38.81	ng	#	96
91) Dibenzo(a,h)anthracene	29.327	278	529676	38.41	ng	#	92
92) Benzo(g,h,i)perylene	30.496	276	519910	38.50	ng	#	92

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

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