Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
Data File : BG050531.D
Acq On : 11 Oct 2021 9:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 11 11:32:11 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	8.259	152	49025	20.00	ng		0.00
21) Naphthalene-d8	11.091	136	202869	20.00	ng		# 0.00
39) Acenaphthene-d10	14.881	164	135226	20.00	ng		0.00
64) Phenanthrene-d10	17.630	188	297992	20.00	ng		# 0.00
76) Chrysene-d12	21.931	240	241157	20.00	ng		# 0.01
86) Perylene-d12	25.351	264	245219	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	241545	73.68	ng		0.00
7) Phenol-d6	7.401	99	361354	76.14	ng		0.00
23) Nitrobenzene-d5	9.434	82	365170	74.51	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	97285	75.43	ng		0.00
45) 2-Fluorobiphenyl	13.506	172	663287	73.82	ng		0.00
79) Terphenyl-d14	20.216	244	984040	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	54759	32.25	ng		90
3) Pyridine	4.064	79	165727	35.73	ng		94
4) n-Nitrosodimethylamine	3.976	42	82149	37.59	ng	#	46
6) Aniline	7.577	93	210852	38.24	ng		92
8) 2-Chlorophenol	7.818	128	122049	38.67	ng		88
9) Benzaldehyde	7.395	77	119902	40.08	ng		91
10) Phenol	7.431	94	173300	37.55	ng		86
11) bis(2-Chloroethyl)ether	7.671	93	133821	37.15	ng		86
12) 1,3-Dichlorobenzene	8.153	146	135434	37.17	ng		95
13) 1,4-Dichlorobenzene	8.300	146	137308	37.38	ng		97
14) 1,2-Dichlorobenzene	8.617	146	130596	37.22	ng		98
15) Benzyl Alcohol	8.494	79	146098	38.95	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.788	45	220547	37.55	ng		85
17) 2-Methylphenol	8.694	107	119010	39.20	ng		93
18) Hexachloroethane	9.352	117	52862	38.03	ng		90
19) n-Nitroso-di-n-propyla...	9.064	70	129118	37.33	ng	#	92
20) 3+4-Methylphenols	9.023	107	165548	38.74	ng		97
22) Acetophenone	9.087	105	212074	36.77	ng	#	97
24) Nitrobenzene	9.475	77	181777	37.30	ng		96
25) Isophorone	9.998	82	326706	37.58	ng	#	95
26) 2-Nitrophenol	10.192	139	70135	39.20	ng	#	92
27) 2,4-Dimethylphenol	10.233	122	115295	37.30	ng		94
28) bis(2-Chloroethoxy)met...	10.474	93	186734	37.57	ng		92
29) 2,4-Dichlorophenol	10.727	162	122576	38.90	ng		94
30) 1,2,4-Trichlorobenzene	10.944	180	134573	37.60	ng		95
31) Naphthalene	11.138	128	408324	37.60	ng		98
32) Benzoic acid	10.362	122	80610	35.14	ng	#	76
33) 4-Chloroaniline	11.238	127	170091	37.33	ng		96
34) Hexachlorobutadiene	11.414	225	83854	37.32	ng		97
35) Caprolactam	12.013	113	46521	38.58	ng	#	64
36) 4-Chloro-3-methylphenol	12.337	107	149499	37.96	ng		89
37) 2-Methylnaphthalene	12.724	142	275574	36.78	ng		94
38) 1-Methylnaphthalene	12.942	142	269968	37.16	ng		92
40) 1,2,4,5-Tetrachloroben...	13.089	216	148317	37.14	ng		98
41) Hexachlorocyclopentadiene	13.059	237	77824	33.72	ng		89
43) 2,4,6-Trichlorophenol	13.318	196	105611	37.53	ng		95

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44) 2,4,5-Trichlorophenol	13.394	196	111887	38.03	ng		89
46) 1,1'-Biphenyl	13.717	154	362043	36.71	ng		93
47) 2-Chloronaphthalene	13.770	162	283583	37.44	ng		99
48) 2-Nitroaniline	13.964	65	118602	39.37	ng		95
49) Acenaphthylene	14.610	152	461366	37.18	ng		97
50) Dimethylphthalate	14.328	163	381433	37.32	ng		100
51) 2,6-Dinitrotoluene	14.452	165	77802	38.00	ng		89
52) Acenaphthene	14.945	154	297395	37.29	ng		95
53) 3-Nitroaniline	14.781	138	93578	38.64	ng		85
54) 2,4-Dinitrophenol	14.986	184	42151	33.19	ng		90
55) Dibenzofuran	15.280	168	458571	37.18	ng		97
56) 4-Nitrophenol	15.069	139	72195	37.06	ng	#	81
57) 2,4-Dinitrotoluene	15.233	165	111695	38.71	ng		93
58) Fluorene	15.926	166	353000	37.26	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.498	232	95244	37.16	ng		95
60) Diethylphthalate	15.680	149	402016	37.43	ng		97
61) 4-Chlorophenyl-phenyle...	15.909	204	192838	37.20	ng		97
62) 4-Nitroaniline	15.938	138	93487	37.11	ng	#	67
63) Azobenzene	16.203	77	454078	36.53	ng		82
65) 4,6-Dinitro-2-methylph...	15.997	198	65909	36.82	ng		91
66) n-Nitrosodiphenylamine	16.126	169	315417	37.25	ng		98
67) 4-Bromophenyl-phenylether	16.808	248	114116	38.00	ng		99
68) Hexachlorobenzene	16.925	284	114603	38.40	ng	#	91
69) Atrazine	17.066	200	123889	37.14	ng		99
70) Pentachlorophenol	17.266	266	68896	33.91	ng		96
71) Phenanthrene	17.671	178	570934	36.36	ng		97
72) Anthracene	17.760	178	567809	36.39	ng		98
73) Carbazole	18.030	167	562195	36.15	ng		99
74) Di-n-butylphthalate	18.565	149	664539	36.41	ng	#	97
75) Fluoranthene	19.663	202	667852	34.60	ng		96
77) Benzidine	19.839	184	298157	38.15	ng		99
78) Pyrene	20.028	202	669182	39.11	ng		98
80) Butylbenzylphthalate	20.897	149	282763	39.07	ng		97
81) Benzo(a)anthracene	21.908	228	613759	38.46	ng		100
82) 3,3'-Dichlorobenzidine	21.814	252	201606	38.12	ng	#	96
83) Chrysene	21.978	228	571904	38.10	ng		96
84) Bis(2-ethylhexyl)phtha...	21.784	149	405228	39.41	ng	#	98
85) Di-n-octyl phthalate	23.065	149	678027	39.53	ng		96
87) Indeno(1,2,3-cd)pyrene	29.276	276	645764	37.81	ng	#	94
88) Benzo(b)fluoranthene	24.258	252	580053	38.62	ng	#	94
89) Benzo(k)fluoranthene	24.328	252	557181	37.71	ng	#	96
90) Benzo(a)pyrene	25.186	252	487335	38.17	ng	#	96
91) Dibenzo(a,h)anthracene	29.352	278	534122	37.81	ng	#	94
92) Benzo(g,h,i)perylene	30.509	276	523000	37.80	ng	#	90

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

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