Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060204.D
Acq On : 2 Jan 2024 21:52
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 03 01:01:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	262300	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	1116392	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	841746	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1944867	20.000	ng		0.00
76) Chrysene-d12	21.590	240	1692600	20.000	ng		0.00
86) Perylene-d12	24.763	264	1872812	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	1487474	85.593	ng		0.00
7) Phenol-d6	7.101	99	2043263	79.187	ng		0.00
23) Nitrobenzene-d5	9.105	82	1904032	78.778	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	900543	79.923	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	4428917	75.621	ng		0.00
79) Terphenyl-d14	19.945	244	5508579	62.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	309476	40.026	ng		100
3) Pyridine	3.805	79	932139	42.509	ng		96
4) n-Nitrosodimethylamine	3.729	42	323675	39.568	ng	#	95
6) Aniline	7.266	93	998142	38.609	ng		97
8) 2-Chlorophenol	7.501	128	651498	39.007	ng		97
9) Benzaldehyde	7.078	77	570460	36.772	ng		96
10) Phenol	7.130	94	1029147	39.552	ng		96
11) bis(2-Chloroethyl)ether	7.360	93	831997	39.514	ng		96
12) 1,3-Dichlorobenzene	7.824	146	800243	38.814	ng		99
13) 1,4-Dichlorobenzene	7.977	146	812504	38.981	ng		99
14) 1,2-Dichlorobenzene	8.294	146	804677	39.489	ng		99
15) Benzyl Alcohol	8.176	79	654395	40.859	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.464	45	1093085	40.451	ng		99
17) 2-Methylphenol	8.376	107	671284	41.201	ng		99
18) Hexachloroethane	9.022	117	276102	42.059	ng		97
19) n-Nitroso-di-n-propyla...	8.740	70	730425	41.437	ng		97
20) 3+4-Methylphenols	8.711	107	930859	40.311	ng		98
22) Acetophenone	8.758	105	1252391	37.863	ng		98
24) Nitrobenzene	9.146	77	1005281	40.652	ng		99
25) Isophorone	9.663	82	1979397	39.143	ng		99
26) 2-Nitrophenol	9.857	139	364133	42.198	ng		97
27) 2,4-Dimethylphenol	9.910	122	485499	39.719	ng		99
28) bis(2-Chloroethoxy)met...	10.150	93	1190396	40.192	ng		99
29) 2,4-Dichlorophenol	10.391	162	793398	41.070	ng		98
30) 1,2,4-Trichlorobenzene	10.603	180	929901	39.549	ng		99
31) Naphthalene	10.791	128	2312304	39.233	ng		99
32) Benzoic acid	10.051	122	386793	38.103	ng		91
33) 4-Chloroaniline	10.903	127	907132	39.410	ng		98
34) Hexachlorobutadiene	11.073	225	560673	40.094	ng		97
35) Caprolactam	11.678	113	250301	38.951	ng		89
36) 4-Chloro-3-methylphenol	12.025	107	805105	40.496	ng		98
37) 2-Methylnaphthalene	12.401	142	1709919	40.166	ng		97
38) 1-Methylnaphthalene	12.618	142	1700834	39.516	ng		95
40) 1,2,4,5-Tetrachloroben...	12.765	216	1066527	39.556	ng		99
41) Hexachlorocyclopentadiene	12.747	237	367732	42.195	ng		98
43) 2,4,6-Trichlorophenol	13.006	196	723026	40.807	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	814645	41.100	ng		99
46) 1,1'-Biphenyl	13.411	154	2443526	39.456	ng		98
47) 2-Chloronaphthalene	13.452	162	2097835	39.759	ng		99
48) 2-Nitroaniline	13.658	65	583632	42.326	ng		98
49) Acenaphthylene	14.299	152	2978865	39.184	ng		98
50) Dimethylphthalate	14.034	163	2507301	38.580	ng		99
51) 2,6-Dinitrotoluene	14.152	165	568441	42.052	ng		99
52) Acenaphthene	14.639	154	1869959	39.417	ng		99
53) 3-Nitroaniline	14.481	138	506922	39.799	ng		94
54) 2,4-Dinitrophenol	14.686	184	260990	37.978	ng		96
55) Dibenzofuran	14.974	168	3092418	38.915	ng		99
56) 4-Nitrophenol	14.786	139	413156	42.913	ng		97
57) 2,4-Dinitrotoluene	14.939	165	769552	41.867	ng	#	98
58) Fluorene	15.626	166	2514638	38.583	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	704008	40.750	ng		100
60) Diethylphthalate	15.397	149	2420698	39.059	ng		99
61) 4-Chlorophenyl-phenyle...	15.615	204	1322771	38.977	ng		98
62) 4-Nitroaniline	15.650	138	539614	40.196	ng		97
63) Azobenzene	15.908	77	2553092	39.734	ng		99
65) 4,6-Dinitro-2-methylph...	15.703	198	424944	43.667	ng		98
66) n-Nitrosodiphenylamine	15.832	169	2147249	40.972	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	839272	40.702	ng		97
68) Hexachlorobenzene	16.625	284	971286	40.176	ng		94
69) Atrazine	16.778	200	760174	39.465	ng		98
70) Pentachlorophenol	16.972	266	583797	43.957	ng		98
71) Phenanthrene	17.366	178	3718201	38.678	ng		98
72) Anthracene	17.460	178	3770941	39.491	ng		96
73) Carbazole	17.730	167	3507064	38.723	ng		96
74) Di-n-butylphthalate	18.288	149	3672056	41.838	ng		97
75) Fluoranthene	19.381	202	4209502	37.331	ng		96
77) Benzidine	19.563	184	1909043	40.752	ng		100
78) Pyrene	19.745	202	4315110	37.925	ng		95
80) Butylbenzylphthalate	20.632	149	1624845	48.432	ng		96
81) Benzo(a)anthracene	21.572	228	4239026	39.390	ng		98
82) 3,3'-Dichlorobenzidine	21.490	252	1616605	41.309	ng		99
83) Chrysene	21.637	228	4069628	38.925	ng		96
84) Bis(2-ethylhexyl)phtha...	21.478	149	2471678	48.582	ng		99
85) Di-n-octyl phthalate	22.677	149	4063001	48.787	ng		99
87) Indeno(1,2,3-cd)pyrene	28.394	276	5307063	40.193	ng	#	93
88) Benzo(b)fluoranthene	23.758	252	4529317	40.244	ng		98
89) Benzo(k)fluoranthene	23.829	252	4425617	39.069	ng		99
90) Benzo(a)pyrene	24.616	252	4066848	39.941	ng		100
91) Dibenzo(a,h)anthracene	28.453	278	4359902	40.187	ng		97
92) Benzo(g,h,i)perylene	29.528	276	4434833	40.357	ng		98

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

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