Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060266.D
Acq On : 5 Jan 2024 11:52
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 05 12:26:39 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	7.935	152	269101	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	1070781	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	780409	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1879889	20.000	ng		0.00
76) Chrysene-d12	21.590	240	1691014	20.000	ng		0.00
86) Perylene-d12	24.763	264	1871179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	1359167	76.233	ng		0.00
7) Phenol-d6	7.101	99	2017647	76.218	ng		0.00
23) Nitrobenzene-d5	9.099	82	2107328	90.903	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	910968	87.202	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	4491132	82.710	ng		0.00
79) Terphenyl-d14	19.945	244	5817932	66.143	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	290080	36.570	ng		98
3) Pyridine	3.805	79	858997	38.183	ng		98
4) n-Nitrosodimethylamine	3.723	42	296702	35.354	ng	#	91
6) Aniline	7.266	93	990819	37.357	ng		97
8) 2-Chlorophenol	7.501	128	663682	38.733	ng		97
9) Benzaldehyde	7.078	77	555999	34.934	ng		94
10) Phenol	7.125	94	1017931	38.132	ng		98
11) bis(2-Chloroethyl)ether	7.354	93	803259	37.185	ng		97
12) 1,3-Dichlorobenzene	7.824	146	807710	38.186	ng		98
13) 1,4-Dichlorobenzene	7.971	146	822460	38.461	ng		100
14) 1,2-Dichlorobenzene	8.288	146	822350	39.336	ng		97
15) Benzyl Alcohol	8.176	79	649109	39.505	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.464	45	986228	35.574	ng		98
17) 2-Methylphenol	8.376	107	648920	38.822	ng		96
18) Hexachloroethane	9.022	117	282412	41.933	ng		96
19) n-Nitroso-di-n-propyla...	8.740	70	673499	37.242	ng		97
20) 3+4-Methylphenols	8.705	107	916784	38.698	ng		98
22) Acetophenone	8.758	105	1187242	37.423	ng		98
24) Nitrobenzene	9.146	77	976329	41.163	ng		95
25) Isophorone	9.657	82	1815477	37.431	ng		99
26) 2-Nitrophenol	9.851	139	382098	46.166	ng		94
27) 2,4-Dimethylphenol	9.910	122	479179	40.872	ng		98
28) bis(2-Chloroethoxy)met...	10.145	93	1095510	38.564	ng		98
29) 2,4-Dichlorophenol	10.386	162	768946	41.500	ng		97
30) 1,2,4-Trichlorobenzene	10.603	180	896528	39.754	ng		99
31) Naphthalene	10.791	128	2226592	39.388	ng		99
32) Benzoic acid	10.045	122	447276	43.826	ng		94
33) 4-Chloroaniline	10.903	127	864840	39.173	ng		99
34) Hexachlorobutadiene	11.073	225	554452	41.338	ng		97
35) Caprolactam	11.678	113	250211	40.596	ng	#	84
36) 4-Chloro-3-methylphenol	12.025	107	769633	40.361	ng		99
37) 2-Methylnaphthalene	12.401	142	1606869	39.353	ng		99
38) 1-Methylnaphthalene	12.618	142	1605437	38.888	ng		99
40) 1,2,4,5-Tetrachloroben...	12.765	216	1005704	40.231	ng		98
41) Hexachlorocyclopentadiene	12.747	237	345972	42.818	ng		99
43) 2,4,6-Trichlorophenol	13.006	196	683913	41.633	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	786131	42.779	ng	98
46) 1,1'-Biphenyl	13.411	154	2251835	39.218	ng	98
47) 2-Chloronaphthalene	13.453	162	1932533	39.505	ng	98
48) 2-Nitroaniline	13.658	65	563385	44.069	ng	98
49) Acenaphthylene	14.299	152	2797302	39.687	ng	98
50) Dimethylphthalate	14.028	163	2363808	39.231	ng	100
51) 2,6-Dinitrotoluene	14.152	165	559410	44.637	ng	97
52) Acenaphthene	14.639	154	1733022	39.402	ng	98
53) 3-Nitroaniline	14.487	138	512323	43.384	ng	97
54) 2,4-Dinitrophenol	14.681	184	286473	43.448	ng	97
55) Dibenzofuran	14.974	168	2861462	38.839	ng	99
56) 4-Nitrophenol	14.786	139	409977	45.929	ng	96
57) 2,4-Dinitrotoluene	14.939	165	768034	45.069	ng	97
58) Fluorene	15.626	166	2377341	39.343	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	683838	42.693	ng	99
60) Diethylphthalate	15.391	149	2305906	40.131	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	1246686	39.623	ng	99
62) 4-Nitroaniline	15.650	138	564805	45.379	ng	97
63) Azobenzene	15.908	77	2314694	38.855	ng	98
65) 4,6-Dinitro-2-methylph...	15.703	198	464054	49.334	ng	97
66) n-Nitrosodiphenylamine	15.832	169	2050953	40.487	ng	99
67) 4-Bromophenyl-phenylether	16.514	248	799433	40.110	ng	97
68) Hexachlorobenzene	16.625	284	928701	39.742	ng	96
69) Atrazine	16.778	200	735138	39.485	ng	98
70) Pentachlorophenol	16.972	266	629149	49.009	ng	96
71) Phenanthrene	17.366	178	3586887	38.601	ng	99
72) Anthracene	17.460	178	3621628	39.238	ng	98
73) Carbazole	17.730	167	3426247	39.138	ng	98
74) Di-n-butylphthalate	18.288	149	3586916	42.281	ng	98
75) Fluoranthene	19.381	202	4162175	38.187	ng	96
77) Benzidine	19.563	184	1447063	30.919	ng	99
78) Pyrene	19.745	202	4309729	37.914	ng	96
80) Butylbenzylphthalate	20.632	149	1660902	49.553	ng	99
81) Benzo(a)anthracene	21.572	228	4136357	38.472	ng	97
82) 3,3'-Dichlorobenzidine	21.490	252	1582619	40.479	ng	98
83) Chrysene	21.637	228	4027590	38.559	ng	95
84) Bis(2-ethylhexyl)phtha...	21.478	149	2462672	48.450	ng	97
85) Di-n-octyl phthalate	22.671	149	4018155	48.294	ng	99
87) Indeno(1,2,3-cd)pyrene	28.388	276	5282790	40.045	ng	100
88) Benzo(b)fluoranthene	23.758	252	4456964	39.636	ng	99
89) Benzo(k)fluoranthene	23.823	252	4496387	39.729	ng	99
90) Benzo(a)pyrene	24.616	252	4042118	39.733	ng	99
91) Dibenzo(a,h)anthracene	28.447	278	4339553	40.035	ng	97
92) Benzo(g,h,i)perylene	29.510	276	4342132	39.548	ng	99

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

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