Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060187.D
Acq On : 2 Jan 2024 9:49
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 02 10:24:28 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	212198	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	918802	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	690307	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1684526	20.000	ng		0.00
76) Chrysene-d12	21.595	240	1441599	20.000	ng		0.00
86) Perylene-d12	24.768	264	1534620	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	1196627	85.115	ng		0.00
7) Phenol-d6	7.100	99	1688915	80.909	ng		0.00
23) Nitrobenzene-d5	9.104	82	1555353	78.191	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	739126	79.988	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	3850945	80.177	ng		0.00
79) Terphenyl-d14	19.944	244	5053552	67.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	261461	41.801	ng		99
3) Pyridine	3.810	79	762234	42.968	ng		100
4) n-Nitrosodimethylamine	3.728	42	248327	37.525	ng	#	98
6) Aniline	7.265	93	840381	40.182	ng		97
8) 2-Chlorophenol	7.506	128	537370	39.771	ng		98
9) Benzaldehyde	7.077	77	479540	38.210	ng		96
10) Phenol	7.130	94	856635	40.695	ng		96
11) bis(2-Chloroethyl)ether	7.359	93	691749	40.610	ng		96
12) 1,3-Dichlorobenzene	7.829	146	646371	38.753	ng		97
13) 1,4-Dichlorobenzene	7.976	146	656787	38.950	ng		98
14) 1,2-Dichlorobenzene	8.293	146	654748	39.718	ng		99
15) Benzyl Alcohol	8.176	79	549149	42.383	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	889328	40.681	ng		97
17) 2-Methylphenol	8.381	107	557147	42.269	ng		98
18) Hexachloroethane	9.022	117	218209	41.089	ng		94
19) n-Nitroso-di-n-propyla...	8.746	70	604524	42.392	ng		95
20) 3+4-Methylphenols	8.710	107	785040	42.023	ng		98
22) Acetophenone	8.763	105	1079660	39.661	ng	#	96
24) Nitrobenzene	9.145	77	821522	40.365	ng		100
25) Isophorone	9.662	82	1671842	40.171	ng		99
26) 2-Nitrophenol	9.856	139	293463	41.322	ng		97
27) 2,4-Dimethylphenol	9.915	122	406629	40.421	ng		96
28) bis(2-Chloroethoxy)met...	10.150	93	990185	40.622	ng		99
29) 2,4-Dichlorophenol	10.391	162	653792	41.122	ng		97
30) 1,2,4-Trichlorobenzene	10.602	180	762358	39.396	ng		98
31) Naphthalene	10.796	128	1930579	39.800	ng		99
32) Benzoic acid	10.050	122	303427	36.800	ng		93
33) 4-Chloroaniline	10.902	127	777062	41.019	ng		99
34) Hexachlorobutadiene	11.078	225	454337	39.477	ng		98
35) Caprolactam	11.677	113	216347	40.907	ng	#	82
36) 4-Chloro-3-methylphenol	12.024	107	685906	41.920	ng		98
37) 2-Methylnaphthalene	12.406	142	1451270	41.421	ng		99
38) 1-Methylnaphthalene	12.623	142	1444226	40.770	ng		97
40) 1,2,4,5-Tetrachloroben...	12.764	216	891909	40.336	ng		99
41) Hexachlorocyclopentadiene	12.753	237	284435	39.797	ng		95
43) 2,4,6-Trichlorophenol	13.005	196	610363	42.005	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	678670	41.751	ng		98
46) 1,1'-Biphenyl	13.411	154	2054103	40.444	ng		99
47) 2-Chloronaphthalene	13.452	162	1767144	40.839	ng		99
48) 2-Nitroaniline	13.657	65	470566	41.613	ng		98
49) Acenaphthylene	14.298	152	2537107	40.694	ng		99
50) Dimethylphthalate	14.034	163	2134794	40.055	ng		99
51) 2,6-Dinitrotoluene	14.151	165	459837	41.481	ng		98
52) Acenaphthene	14.645	154	1569619	40.345	ng		98
53) 3-Nitroaniline	14.486	138	431095	41.270	ng		98
54) 2,4-Dinitrophenol	14.686	184	209001	37.278	ng		95
55) Dibenzofuran	14.979	168	2600152	39.899	ng		100
56) 4-Nitrophenol	14.791	139	334780	42.400	ng		98
57) 2,4-Dinitrotoluene	14.938	165	610395	40.493	ng	#	96
58) Fluorene	15.626	166	2153085	40.283	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.203	232	566000	39.949	ng		98
60) Diethylphthalate	15.397	149	2063823	40.606	ng		98
61) 4-Chlorophenyl-phenyle...	15.620	204	1109733	39.874	ng		99
62) 4-Nitroaniline	15.649	138	452763	41.125	ng		97
63) Azobenzene	15.914	77	2142244	40.654	ng		97
65) 4,6-Dinitro-2-methylph...	15.702	198	336930	39.973	ng		99
66) n-Nitrosodiphenylamine	15.831	169	1833216	40.386	ng		98
67) 4-Bromophenyl-phenylether	16.513	248	712915	39.918	ng		99
68) Hexachlorobenzene	16.630	284	825793	39.437	ng		97
69) Atrazine	16.783	200	650786	39.008	ng		98
70) Pentachlorophenol	16.971	266	494307	42.971	ng		96
71) Phenanthrene	17.371	178	3288601	39.496	ng		100
72) Anthracene	17.459	178	3317428	40.111	ng		99
73) Carbazole	17.729	167	3133956	39.951	ng		98
74) Di-n-butylphthalate	18.287	149	3199341	42.086	ng		99
75) Fluoranthene	19.380	202	3801996	38.928	ng		97
77) Benzidine	19.568	184	1641549	41.143	ng		99
78) Pyrene	19.744	202	3923222	40.485	ng		98
80) Butylbenzylphthalate	20.638	149	1241758	43.458	ng		99
81) Benzo(a)anthracene	21.572	228	3659079	39.921	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	1343917	40.320	ng		100
83) Chrysene	21.642	228	3594628	40.368	ng		98
84) Bis(2-ethylhexyl)phtha...	21.484	149	1864576	43.030	ng		99
85) Di-n-octyl phthalate	22.676	149	3074420	43.344	ng		100
87) Indeno(1,2,3-cd)pyrene	28.393	276	4279853	39.557	ng	#	92
88) Benzo(b)fluoranthene	23.763	252	3717742	40.313	ng		99
89) Benzo(k)fluoranthene	23.828	252	3806573	41.010	ng		98
90) Benzo(a)pyrene	24.621	252	3397273	40.718	ng		99
91) Dibenzo(a,h)anthracene	28.464	278	3511574	39.501	ng		99
92) Benzo(g,h,i)perylene	29.527	276	3504504	38.919	ng		98

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

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