Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
Data File : BG060305.D
Acq On : 11 Jan 2024 11:47
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 11 12:22:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	218471	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	967411	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	771205	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2012238	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1910236	20.000	ng	0.00
86) Perylene-d12	24.748	264	2133232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	1179915	88.831	ng	0.00
7) Phenol-d6	7.092	99	1763793	89.676	ng	0.00
23) Nitrobenzene-d5	9.095	82	1878077	91.670	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	938990	82.755	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	4367988	78.745	ng	0.00
79) Terphenyl-d14	19.936	244	6145065	79.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	239308	39.442	ng	99
3) Pyridine	3.802	79	743955	43.458	ng	95
4) n-Nitrosodimethylamine	3.719	42	241535	45.083	ng	99
6) Aniline	7.256	93	879499	44.737	ng	99
8) 2-Chlorophenol	7.497	128	568930	43.219	ng	96
9) Benzaldehyde	7.068	77	450402	39.895	ng	98
10) Phenol	7.121	94	872078	44.223	ng	96
11) bis(2-Chloroethyl)ether	7.350	93	679039	42.257	ng	98
12) 1,3-Dichlorobenzene	7.820	146	668887	40.482	ng	98
13) 1,4-Dichlorobenzene	7.967	146	672405	40.109	ng	99
14) 1,2-Dichlorobenzene	8.285	146	687741	39.896	ng	98
15) Benzyl Alcohol	8.167	79	579633	45.526	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.461	45	792795	40.649	ng	98
17) 2-Methylphenol	8.373	107	577489	42.636	ng	99
18) Hexachloroethane	9.013	117	224862	38.256	ng	96
19) n-Nitroso-di-n-propyla...	8.737	70	610989	44.884	ng	96
20) 3+4-Methylphenols	8.702	107	815380	44.648	ng	97
22) Acetophenone	8.755	105	1076819	40.493	ng	99
24) Nitrobenzene	9.137	77	869655	40.948	ng	99
25) Isophorone	9.654	82	1714770	41.678	ng	99
26) 2-Nitrophenol	9.848	139	329150	42.151	ng	98
27) 2,4-Dimethylphenol	9.906	122	426787	41.362	ng	99
28) bis(2-Chloroethoxy)met...	10.141	93	995140	39.586	ng	99
29) 2,4-Dichlorophenol	10.382	162	682039	40.790	ng	99
30) 1,2,4-Trichlorobenzene	10.594	180	780021	37.497	ng	95
31) Naphthalene	10.788	128	2037153	40.172	ng	99
32) Benzoic acid	10.041	122	327186	38.477	ng	94
33) 4-Chloroaniline	10.893	127	829681	42.462	ng	98
34) Hexachlorobutadiene	11.070	225	499107	36.831	ng	96
35) Caprolactam	11.669	113	264653	49.142	ng	95
36) 4-Chloro-3-methylphenol	12.016	107	736596	43.364	ng	98
37) 2-Methylnaphthalene	12.392	142	1518607	40.378	ng	99
38) 1-Methylnaphthalene	12.615	142	1514787	40.109	ng	98
40) 1,2,4,5-Tetrachloroben...	12.762	216	962840	35.153	ng	99
41) Hexachlorocyclopentadiene	12.738	237	324323	35.665	ng	99
43) 2,4,6-Trichlorophenol	13.003	196	661846	37.970	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	762522	39.662	ng		99
46) 1,1'-Biphenyl	13.402	154	2149855	36.931	ng		99
47) 2-Chloronaphthalene	13.449	162	1848075	37.057	ng		99
48) 2-Nitroaniline	13.649	65	558025	44.930	ng		96
49) Acenaphthylene	14.289	152	2717989	39.577	ng		100
50) Dimethylphthalate	14.025	163	2408387	40.866	ng		99
51) 2,6-Dinitrotoluene	14.142	165	562371	44.720	ng		94
52) Acenaphthene	14.636	154	1704194	39.852	ng		99
53) 3-Nitroaniline	14.477	138	530478	46.295	ng		98
54) 2,4-Dinitrophenol	14.683	184	295336	43.164	ng		95
55) Dibenzofuran	14.971	168	2894531	40.548	ng		99
56) 4-Nitrophenol	14.783	139	425643	50.080	ng		99
57) 2,4-Dinitrotoluene	14.930	165	792163	45.937	ng		97
58) Fluorene	15.617	166	2371803	40.121	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	700514	42.909	ng		99
60) Diethylphthalate	15.388	149	2395949	42.347	ng		99
61) 4-Chlorophenyl-phenyle...	15.611	204	1271138	39.033	ng		97
62) 4-Nitroaniline	15.647	138	562776	46.146	ng		97
63) Azobenzene	15.905	77	2341996	40.925	ng		99
65) 4,6-Dinitro-2-methylph...	15.694	198	481790	43.279	ng		96
66) n-Nitrosodiphenylamine	15.829	169	2098245	39.271	ng		100
67) 4-Bromophenyl-phenylether	16.504	248	849844	38.436	ng		97
68) Hexachlorobenzene	16.622	284	992361	37.916	ng		96
69) Atrazine	16.775	200	744517	36.954	ng		97
70) Pentachlorophenol	16.969	266	656943	46.567	ng		94
71) Phenanthrene	17.362	178	3788257	38.949	ng		98
72) Anthracene	17.450	178	3770895	38.833	ng		99
73) Carbazole	17.721	167	3675594	40.150	ng		99
74) Di-n-butylphthalate	18.279	149	3801499	40.358	ng		98
75) Fluoranthene	19.372	202	4451477	38.105	ng		99
77) Benzidine	19.560	184	1544559	37.218	ng		98
78) Pyrene	19.736	202	4619478	37.869	ng		100
80) Butylbenzylphthalate	20.623	149	1798941	42.864	ng		100
81) Benzo(a)anthracene	21.563	228	4624479	39.105	ng		97
82) 3,3'-Dichlorobenzidine	21.481	252	1828205	40.368	ng		99
83) Chrysene	21.628	228	4460317	38.349	ng		98
84) Bis(2-ethylhexyl)phtha...	21.469	149	2662597	41.984	ng		96
85) Di-n-octyl phthalate	22.662	149	4351601	42.343	ng		98
87) Indeno(1,2,3-cd)pyrene	28.361	276	6030523	40.657	ng	#	94
88) Benzo(b)fluoranthene	23.743	252	5056708	40.125	ng		98
89) Benzo(k)fluoranthene	23.813	252	4937346	39.702	ng		99
90) Benzo(a)pyrene	24.601	252	4559547	40.051	ng		99
91) Dibenzo(a,h)anthracene	28.426	278	4898593	40.440	ng		99
92) Benzo(g,h,i)perylene	29.495	276	4979674	40.110	ng		98

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

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