Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040183.D
Acq On : 09 Jun 2023 10:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 09 10:31:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	514861	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	2220492	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1297893	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2566038	20.000	ng	0.00
76) Chrysene-d12	21.550	240	2174540	20.000	ng	0.00
86) Perylene-d12	23.980	264	1841897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2553437	74.053	ng	0.00
7) Phenol-d6	7.145	99	3394428	72.144	ng	0.00
23) Nitrobenzene-d5	9.157	82	3102173	75.617	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1673634	85.706	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	7791033	79.340	ng	0.00
79) Terphenyl-d14	19.986	244	10940191	92.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	487275	35.586	ng	97
3) Pyridine	3.810	79	1446632	36.834	ng	97
4) n-Nitrosodimethylamine	3.722	42	537672	33.767	ng	92
6) Aniline	7.316	93	2094728	36.785	ng	99
8) 2-Chlorophenol	7.551	128	1408473	38.633	ng	98
9) Benzaldehyde	7.122	77	885826	35.355	ng	97
10) Phenol	7.175	94	1669472	36.078	ng	97
11) bis(2-Chloroethyl)ether	7.410	93	1361513	36.510	ng	97
12) 1,3-Dichlorobenzene	7.875	146	1437377	39.217	ng	98
13) 1,4-Dichlorobenzene	8.022	146	1466523	39.160	ng	99
14) 1,2-Dichlorobenzene	8.345	146	1428261	38.753	ng	99
15) Benzyl Alcohol	8.228	79	1186564	38.213	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1720989	36.200	ng	99
17) 2-Methylphenol	8.433	107	1262945	38.304	ng	98
18) Hexachloroethane	9.075	117	537355	40.074	ng	95
19) n-Nitroso-di-n-propyla...	8.804	70	1082629	37.872	ng	97
20) 3+4-Methylphenols	8.763	107	1733334	38.508	ng	98
22) Acetophenone	8.816	105	2174206	37.494	ng	97
24) Nitrobenzene	9.204	77	1557795	36.891	ng	95
25) Isophorone	9.727	82	3032921	39.149	ng	96
26) 2-Nitrophenol	9.910	139	786218	44.808	ng	95
27) 2,4-Dimethylphenol	9.969	122	1367280	39.828	ng	97
28) bis(2-Chloroethoxy)met...	10.210	93	1920969	38.410	ng	99
29) 2,4-Dichlorophenol	10.445	162	1341810	42.614	ng	98
30) 1,2,4-Trichlorobenzene	10.663	180	1349191	42.301	ng	99
31) Naphthalene	10.851	128	4646028	38.846	ng	100
32) Benzoic acid	10.122	122	1058531	41.356	ng	94
33) 4-Chloroaniline	10.963	127	2109860	39.610	ng	97
34) Hexachlorobutadiene	11.139	225	740033	44.233	ng	99
35) Caprolactam	11.763	113	451459	41.751	ng	90
36) 4-Chloro-3-methylphenol	12.080	107	1438273	39.335	ng	95
37) 2-Methylnaphthalene	12.457	142	3278433	39.640	ng	98
38) 1-Methylnaphthalene	12.674	142	3113525	39.920	ng	99
40) 1,2,4,5-Tetrachloroben...	12.821	216	1481951	43.069	ng	97
41) Hexachlorocyclopentadiene	12.804	237	842159	46.937	ng	99
43) 2,4,6-Trichlorophenol	13.063	196	1043408	44.210	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	1230473	43.192	ng		96
46) 1,1'-Biphenyl	13.463	154	4098284	39.380	ng		99
47) 2-Chloronaphthalene	13.504	162	3069520	39.703	ng		98
48) 2-Nitroaniline	13.710	65	898848	38.776	ng		91
49) Acenaphthylene	14.351	152	5089564	39.706	ng		100
50) Dimethylphthalate	14.086	163	4015105	39.663	ng		100
51) 2,6-Dinitrotoluene	14.204	165	848850	41.839	ng		88
52) Acenaphthene	14.692	154	3054883	38.640	ng		98
53) 3-Nitroaniline	14.533	138	1025537	40.515	ng		91
54) 2,4-Dinitrophenol	14.733	184	453378	39.510	ng	#	86
55) Dibenzofuran	15.021	168	4799289	38.805	ng		98
56) 4-Nitrophenol	14.833	139	819859	39.991	ng		88
57) 2,4-Dinitrotoluene	14.986	165	1143765	42.243	ng		88
58) Fluorene	15.668	166	4040210	39.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	955447	42.893	ng		92
60) Diethylphthalate	15.445	149	4101821	39.936	ng		98
61) 4-Chlorophenyl-phenyle...	15.662	204	2012521	41.591	ng		97
62) 4-Nitroaniline	15.698	138	1060377	39.325	ng		93
63) Azobenzene	15.956	77	3674782	36.799	ng		95
65) 4,6-Dinitro-2-methylph...	15.751	198	608885	42.304	ng		89
66) n-Nitrosodiphenylamine	15.880	169	3392051	40.359	ng		98
67) 4-Bromophenyl-phenylether	16.556	248	1129814	43.839	ng		96
68) Hexachlorobenzene	16.674	284	1290831	43.672	ng		92
69) Atrazine	16.827	200	981387	42.726	ng		97
70) Pentachlorophenol	17.015	266	924280	42.599	ng		100
71) Phenanthrene	17.409	178	5873063	39.281	ng		99
72) Anthracene	17.503	178	6020906	40.365	ng		99
73) Carbazole	17.774	167	5528062	38.855	ng		99
74) Di-n-butylphthalate	18.333	149	6970052	43.682	ng		99
75) Fluoranthene	19.421	202	6384219	40.238	ng		99
77) Benzidine	19.603	184	2337123	57.228	ng		100
78) Pyrene	19.786	202	6741779	46.494	ng		100
80) Butylbenzylphthalate	20.680	149	2981524	50.872	ng		89
81) Benzo(a)anthracene	21.533	228	6272545	42.300	ng		100
82) 3,3'-Dichlorobenzidine	21.462	252	2296439	46.598	ng		99
83) Chrysene	21.586	228	5785159	41.183	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4265270	49.280	ng		97
85) Di-n-octyl phthalate	22.391	149	6512954	46.339	ng		97
87) Indeno(1,2,3-cd)pyrene	26.520	276	4924977	35.661	ng		98
88) Benzo(b)fluoranthene	23.238	252	4903648	43.958	ng		99
89) Benzo(k)fluoranthene	23.291	252	5150822	44.179	ng		99
90) Benzo(a)pyrene	23.874	252	4505100	42.289	ng		100
91) Dibenzo(a,h)anthracene	26.532	278	4168871	34.967	ng		99
92) Benzo(g,h,i)perylene	27.303	276	3608313	35.233	ng		98

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

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