Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
Data File : BM038462.D
Acq On : 17 Jan 2023 10:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jan 18 03:49:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 03:06:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	50321	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	179181	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	131662	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	339936	20.000	ng		0.00
76) Chrysene-d12	21.527	240	406845	20.000	ng		0.00
86) Perylene-d12	23.950	264	453664	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	237336	71.944	ng		0.00
7) Phenol-d6	7.145	99	307477	72.762	ng		0.00
23) Nitrobenzene-d5	9.157	82	369562	84.037	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	201192	90.393	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	854008	80.892	ng		0.00
79) Terphenyl-d14	19.968	244	1917195	88.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	54636	36.241	ng		99
3) Pyridine	3.799	79	172690	39.598	ng		97
4) n-Nitrosodimethylamine	3.716	42	102455	39.706	ng	#	99
6) Aniline	7.310	93	197023	36.912	ng		99
8) 2-Chlorophenol	7.540	128	123845	37.918	ng		98
9) Benzaldehyde	7.122	77	102715	36.349	ng		96
10) Phenol	7.169	94	158265	35.940	ng		93
11) bis(2-Chloroethyl)ether	7.404	93	127112	35.619	ng		96
12) 1,3-Dichlorobenzene	7.863	146	135699	38.783	ng		98
13) 1,4-Dichlorobenzene	8.016	146	145758	41.407	ng		96
14) 1,2-Dichlorobenzene	8.334	146	136307	39.603	ng		98
15) Benzyl Alcohol	8.228	79	149536	44.182	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	201232	40.445	ng		97
17) 2-Methylphenol	8.428	107	125028	42.036	ng		99
18) Hexachloroethane	9.057	117	57677	40.003	ng		96
19) n-Nitroso-di-n-propyla...	8.792	70	130144	42.428	ng		98
20) 3+4-Methylphenols	8.757	107	158666	39.732	ng		98
22) Acetophenone	8.816	105	219901	41.519	ng	#	99
24) Nitrobenzene	9.198	77	193536	41.653	ng		98
25) Isophorone	9.722	82	328816	42.213	ng		100
26) 2-Nitrophenol	9.910	139	67789	41.555	ng		96
27) 2,4-Dimethylphenol	9.963	122	115278	41.500	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	187462	42.792	ng		96
29) 2,4-Dichlorophenol	10.439	162	131542	42.866	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	146607	41.314	ng		99
31) Naphthalene	10.845	128	403715	42.514	ng		99
32) Benzoic acid	10.110	122	88681	39.526	ng		99
33) 4-Chloroaniline	10.957	127	180498	43.305	ng		97
34) Hexachlorobutadiene	11.116	225	104019	41.799	ng		97
35) Caprolactam	11.763	113	37817	43.601	ng		94
36) 4-Chloro-3-methylphenol	12.080	107	154162	46.076	ng		95
37) 2-Methylnaphthalene	12.445	142	301655	43.444	ng		98
38) 1-Methylnaphthalene	12.663	142	288469	44.254	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	192079	38.979	ng		99
41) Hexachlorocyclopentadiene	12.780	237	112152	40.027	ng		100
43) 2,4,6-Trichlorophenol	13.051	196	125509	40.291	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	149396	40.678	ng		99
46) 1,1'-Biphenyl	13.451	154	410260	40.164	ng		99
47) 2-Chloronaphthalene	13.498	162	323825	40.278	ng		99
48) 2-Nitroaniline	13.710	65	126145	40.539	ng		95
49) Acenaphthylene	14.339	152	522775	41.244	ng		100
50) Dimethylphthalate	14.074	163	443167	41.532	ng		99
51) 2,6-Dinitrotoluene	14.198	165	90789	41.825	ng		94
52) Acenaphthene	14.680	154	321021	41.675	ng		99
53) 3-Nitroaniline	14.533	138	94977	40.195	ng		99
54) 2,4-Dinitrophenol	14.739	184	64240	39.714	ng		96
55) Dibenzofuran	15.010	168	561178	42.789	ng		100
56) 4-Nitrophenol	14.833	139	77894	40.940	ng	#	86
57) 2,4-Dinitrotoluene	14.986	165	132738	43.988	ng		99
58) Fluorene	15.657	166	483128	44.090	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.239	232	140547	43.161	ng		98
60) Diethylphthalate	15.427	149	478384	43.704	ng		99
61) 4-Chlorophenyl-phenyle...	15.651	204	262919	43.711	ng		100
62) 4-Nitroaniline	15.692	138	105207	41.896	ng		97
63) Azobenzene	15.945	77	562043	46.665	ng		99
65) 4,6-Dinitro-2-methylph...	15.745	198	92501	40.100	ng		91
66) n-Nitrosodiphenylamine	15.868	169	406093	40.714	ng		98
67) 4-Bromophenyl-phenylether	16.545	248	164083	41.728	ng		96
68) Hexachlorobenzene	16.657	284	180078	40.898	ng		97
69) Atrazine	16.815	200	151179	42.861	ng		99
70) Pentachlorophenol	17.004	266	138998	43.242	ng		99
71) Phenanthrene	17.398	178	781828	41.572	ng		99
72) Anthracene	17.492	178	809554	41.884	ng		100
73) Carbazole	17.762	167	715813	42.350	ng		100
74) Di-n-butylphthalate	18.309	149	874922	43.583	ng		100
75) Fluoranthene	19.409	202	1022444	43.246	ng		99
77) Benzidine	19.598	184	398780	44.734	ng		100
78) Pyrene	19.768	202	1125299	41.562	ng		100
80) Butylbenzylphthalate	20.656	149	420927	42.533	ng		98
81) Benzo(a)anthracene	21.515	228	1245606	42.568	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	407004	43.197	ng		98
83) Chrysene	21.568	228	1194672	42.014	ng		100
84) Bis(2-ethylhexyl)phtha...	21.421	149	613538	43.125	ng		99
85) Di-n-octyl phthalate	22.350	149	1070344	42.759	ng		99
87) Indeno(1,2,3-cd)pyrene	26.480	276	1428171	42.538	ng		100
88) Benzo(b)fluoranthene	23.209	252	1180796	41.976	ng		99
89) Benzo(k)fluoranthene	23.256	252	1246029	42.833	ng		100
90) Benzo(a)pyrene	23.844	252	1180311	42.757	ng		99
91) Dibenzo(a,h)anthracene	26.491	278	1208346	42.889	ng		98
92) Benzo(g,h,i)perylene	27.262	276	1177142	42.114	ng		99

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

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