Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033667.D
Acq On : 07 Jan 2022 13:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jan 08 06:52:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	187709	20.000	ng		0.00
21) Naphthalene-d8	10.801	136	805298	20.000	ng		0.00
39) Acenaphthene-d10	14.619	164	532381	20.000	ng		0.00
64) Phenanthrene-d10	17.354	188	1062540	20.000	ng		0.00
76) Chrysene-d12	21.518	240	733556	20.000	ng		0.00
86) Perylene-d12	23.947	264	716532	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.519	112	846716	71.141	ng		0.00
7) Phenol-d6	7.137	99	1158264	72.207	ng		0.00
23) Nitrobenzene-d5	9.148	82	1214481	69.649	ng		0.00
42) 2,4,6-Tribromophenol	16.101	330	481847	86.654	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	2695689	66.320	ng		0.00
79) Terphenyl-d14	19.971	244	3491275	85.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	179089	33.572	ng	#	94
3) Pyridine	3.772	79	502458	36.376	ng		93
4) n-Nitrosodimethylamine	3.672	42	235874	34.180	ng	#	72
6) Aniline	7.301	93	662820	36.478	ng		95
8) 2-Chlorophenol	7.543	128	471437	36.223	ng		90
9) Benzaldehyde	7.107	77	349997	35.444	ng		92
10) Phenol	7.160	94	587202	36.410	ng		94
11) bis(2-Chloroethyl)ether	7.396	93	455887	35.834	ng		95
12) 1,3-Dichlorobenzene	7.872	146	524146	36.033	ng		95
13) 1,4-Dichlorobenzene	8.019	146	537876	36.157	ng		96
14) 1,2-Dichlorobenzene	8.337	146	521764	36.268	ng		98
15) Benzyl Alcohol	8.219	79	488553	37.310	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.513	45	642668	33.497	ng		98
17) 2-Methylphenol	8.425	107	411655	36.977	ng		96
18) Hexachloroethane	9.078	117	200235	35.523	ng		97
19) n-Nitroso-di-n-propyla...	8.795	70	395668	37.753	ng		92
20) 3+4-Methylphenols	8.754	107	573211	37.689	ng		95
22) Acetophenone	8.807	105	757010	35.050	ng	#	94
24) Nitrobenzene	9.190	77	571172	34.446	ng		92
25) Isophorone	9.725	82	1014323	35.911	ng		97
26) 2-Nitrophenol	9.907	139	267183	38.242	ng	#	83
27) 2,4-Dimethylphenol	9.966	122	412958	35.406	ng		96
28) bis(2-Chloroethoxy)met...	10.207	93	651623	34.995	ng		98
29) 2,4-Dichlorophenol	10.442	162	470905	36.876	ng		98
30) 1,2,4-Trichlorobenzene	10.660	180	500370	35.081	ng		98
31) Naphthalene	10.848	128	1551848	35.160	ng		99
32) Benzoic acid	10.107	122	348236	42.432	ng		89
33) 4-Chloroaniline	10.954	127	645681	37.076	ng		94
34) Hexachlorobutadiene	11.148	225	331639	35.598	ng		95
35) Caprolactam	11.742	113	160789	45.398	ng	#	79
36) 4-Chloro-3-methylphenol	12.078	107	571603	38.534	ng		99
37) 2-Methylnaphthalene	12.460	142	1091662	36.603	ng		99
38) 1-Methylnaphthalene	12.678	142	1060464	36.584	ng		100
40) 1,2,4,5-Tetrachloroben...	12.825	216	553478	32.886	ng		99
41) Hexachlorocyclopentadiene	12.813	237	394847	37.295	ng		99
43) 2,4,6-Trichlorophenol	13.060	196	398615	36.306	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.130	196	427721	36.822	ng		96
46) 1,1'-Biphenyl	13.460	154	1455030	33.460	ng		98
47) 2-Chloronaphthalene	13.501	162	1106555	33.887	ng		98
48) 2-Nitroaniline	13.695	65	380691	37.165	ng		88
49) Acenaphthylene	14.342	152	1783207	34.993	ng		99
50) Dimethylphthalate	14.077	163	1492255	36.107	ng		99
51) 2,6-Dinitrotoluene	14.189	165	306722	38.321	ng		91
52) Acenaphthene	14.683	154	1189206	35.876	ng		99
53) 3-Nitroaniline	14.513	138	334811	39.196	ng		93
54) 2,4-Dinitrophenol	14.719	184	171230	46.351	ng	#	86
55) Dibenzofuran	15.019	168	1767687	35.576	ng		97
56) 4-Nitrophenol	14.813	139	263474	38.919	ng		91
57) 2,4-Dinitrotoluene	14.972	165	418603	40.958	ng		88
58) Fluorene	15.666	166	1388555	36.480	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.236	232	381670	38.914	ng		98
60) Diethylphthalate	15.436	149	1578359	37.072	ng		99
61) 4-Chlorophenyl-phenyle...	15.660	204	714289	36.369	ng		95
62) 4-Nitroaniline	15.671	138	329369	39.587	ng		94
63) Azobenzene	15.948	77	1493870	35.491	ng		95
65) 4,6-Dinitro-2-methylph...	15.730	198	245303	42.048	ng		87
66) n-Nitrosodiphenylamine	15.866	169	1229926	34.252	ng		98
67) 4-Bromophenyl-phenylether	16.548	248	425244	36.182	ng		95
68) Hexachlorobenzene	16.671	284	472846	35.327	ng		97
69) Atrazine	16.818	200	453893	36.846	ng		99
70) Pentachlorophenol	17.007	266	310469	38.142	ng		98
71) Phenanthrene	17.401	178	2112459	34.744	ng		99
72) Anthracene	17.489	178	2092899	35.092	ng		99
73) Carbazole	17.754	167	1901046	33.811	ng		99
74) Di-n-butylphthalate	18.324	149	2660013	36.651	ng		100
75) Fluoranthene	19.407	202	2131119	33.388	ng		99
77) Benzidine	19.583	184	799099	36.296	ng		99
78) Pyrene	19.765	202	2130438	41.250	ng		99
80) Butylbenzylphthalate	20.659	149	990658	42.945	ng		94
81) Benzo(a)anthracene	21.506	228	1754093	35.264	ng		99
82) 3,3'-Dichlorobenzidine	21.430	252	621868	35.242	ng		99
83) Chrysene	21.559	228	1670530	35.094	ng		99
84) Bis(2-ethylhexyl)phtha...	21.436	149	1516010	43.143	ng		100
85) Di-n-octyl phthalate	22.371	149	2289881	40.073	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.494	276	1913791	36.219	ng		99
88) Benzo(b)fluoranthene	23.206	252	1603239	35.095	ng		99
89) Benzo(k)fluoranthene	23.259	252	1615603	36.490	ng		99
90) Benzo(a)pyrene	23.842	252	1364911	36.000	ng		99
91) Dibenzo(a,h)anthracene	26.512	278	1593416	36.306	ng		97
92) Benzo(g,h,i)perylene	27.271	276	1556334	36.068	ng		96

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

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