Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033725.D
Acq On : 14 Jan 2022 13:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jan 17 00:23:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	162246	20.000	ng		0.00
21) Naphthalene-d8	10.784	136	704662	20.000	ng		0.00
39) Acenaphthene-d10	14.607	164	492590	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	1014871	20.000	ng		0.00
76) Chrysene-d12	21.506	240	628698	20.000	ng		0.00
86) Perylene-d12	23.924	264	656880	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	817842	79.500	ng		0.00
7) Phenol-d6	7.125	99	1154401	83.260	ng		0.00
23) Nitrobenzene-d5	9.131	82	1180532	77.370	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	553800	107.639	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2715863	72.214	ng		0.00
79) Terphenyl-d14	19.954	244	3563476	102.024	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	173090	37.540	ng	#	90
3) Pyridine	3.761	79	454041	38.030	ng		92
4) n-Nitrosodimethylamine	3.661	42	213048	35.717	ng	#	67
6) Aniline	7.284	93	647015	41.196	ng		95
8) 2-Chlorophenol	7.525	128	464438	41.286	ng		89
9) Benzaldehyde	7.090	77	319805	37.702	ng		92
10) Phenol	7.149	94	582390	41.779	ng		94
11) bis(2-Chloroethyl)ether	7.384	93	431751	39.263	ng		91
12) 1,3-Dichlorobenzene	7.854	146	504067	40.091	ng		96
13) 1,4-Dichlorobenzene	8.001	146	515898	40.122	ng		98
14) 1,2-Dichlorobenzene	8.325	146	505642	40.663	ng		98
15) Benzyl Alcohol	8.207	79	479249	42.343	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.501	45	564016	34.012	ng		94
17) 2-Methylphenol	8.407	107	410620	42.672	ng		96
18) Hexachloroethane	9.060	117	190110	39.020	ng		92
19) n-Nitroso-di-n-propyla...	8.784	70	369038	40.739	ng	#	90
20) 3+4-Methylphenols	8.743	107	580742	44.176	ng		93
22) Acetophenone	8.796	105	740711	39.194	ng	#	92
24) Nitrobenzene	9.172	77	554092	38.188	ng		93
25) Isophorone	9.707	82	964018	39.005	ng		97
26) 2-Nitrophenol	9.890	139	274901	44.966	ng	#	85
27) 2,4-Dimethylphenol	9.954	122	414330	40.597	ng		95
28) bis(2-Chloroethoxy)met...	10.190	93	607896	37.309	ng		98
29) 2,4-Dichlorophenol	10.431	162	479847	42.943	ng		98
30) 1,2,4-Trichlorobenzene	10.648	180	499357	40.010	ng		99
31) Naphthalene	10.837	128	1533960	39.718	ng		99
32) Benzoic acid	10.101	122	384615	53.557	ng	#	86
33) 4-Chloroaniline	10.937	127	658117	43.187	ng		93
34) Hexachlorobutadiene	11.131	225	321316	39.415	ng		97
35) Caprolactam	11.737	113	167012	53.889	ng	#	74
36) 4-Chloro-3-methylphenol	12.060	107	596271	45.938	ng		98
37) 2-Methylnaphthalene	12.442	142	1081738	41.450	ng		99
38) 1-Methylnaphthalene	12.660	142	1068669	42.132	ng		99
40) 1,2,4,5-Tetrachloroben...	12.807	216	566352	36.370	ng		99
41) Hexachlorocyclopentadiene	12.795	237	352609	35.996	ng		98
43) 2,4,6-Trichlorophenol	13.042	196	421983	41.540	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.113	196	459484	42.752	ng		96
46) 1,1'-Biphenyl	13.448	154	1448186	35.992	ng		98
47) 2-Chloronaphthalene	13.489	162	1131811	37.461	ng		98
48) 2-Nitroaniline	13.683	65	401998	42.415	ng	#	84
49) Acenaphthylene	14.330	152	1844205	39.114	ng		99
50) Dimethylphthalate	14.066	163	1511298	39.521	ng		99
51) 2,6-Dinitrotoluene	14.178	165	322138	43.498	ng		91
52) Acenaphthene	14.672	154	1223747	39.900	ng		99
53) 3-Nitroaniline	14.501	138	358384	45.345	ng		93
54) 2,4-Dinitrophenol	14.707	184	172056	50.337	ng	#	87
55) Dibenzofuran	15.001	168	1847181	40.178	ng		96
56) 4-Nitrophenol	14.807	139	288758	46.100	ng	#	85
57) 2,4-Dinitrotoluene	14.960	165	459449	48.586	ng		84
58) Fluorene	15.648	166	1451700	41.220	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.225	232	413389	45.553	ng		99
60) Diethylphthalate	15.425	149	1578416	40.068	ng		100
61) 4-Chlorophenyl-phenyle...	15.642	204	743325	40.905	ng		97
62) 4-Nitroaniline	15.660	138	360684	46.853	ng		93
63) Azobenzene	15.936	77	1508459	38.732	ng		92
65) 4,6-Dinitro-2-methylph...	15.719	198	248830	44.656	ng		85
66) n-Nitrosodiphenylamine	15.854	169	1295237	37.765	ng		98
67) 4-Bromophenyl-phenylether	16.536	248	465568	41.473	ng		99
68) Hexachlorobenzene	16.654	284	514831	40.270	ng		97
69) Atrazine	16.801	200	480924	40.874	ng		99
70) Pentachlorophenol	16.989	266	340544	43.802	ng		98
71) Phenanthrene	17.383	178	2288323	39.404	ng		99
72) Anthracene	17.471	178	2257444	39.629	ng		98
73) Carbazole	17.742	167	2015680	37.534	ng		99
74) Di-n-butylphthalate	18.307	149	2742376	39.561	ng		100
75) Fluoranthene	19.389	202	2162791	35.475	ng		100
77) Benzidine	19.565	184	630608	33.420	ng		100
78) Pyrene	19.754	202	2088874	47.191	ng		98
80) Butylbenzylphthalate	20.642	149	980408	49.589	ng		94
81) Benzo(a)anthracene	21.489	228	1702722	39.940	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	619104	40.937	ng		99
83) Chrysene	21.542	228	1618131	39.662	ng		99
84) Bis(2-ethylhexyl)phtha...	21.424	149	1496724	49.698	ng	#	98
85) Di-n-octyl phthalate	22.353	149	2077285	42.416	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.459	276	1994959	41.184	ng		100
88) Benzo(b)fluoranthene	23.183	252	1679346	40.099	ng		99
89) Benzo(k)fluoranthene	23.236	252	1612394	39.724	ng		98
90) Benzo(a)pyrene	23.818	252	1399281	40.258	ng		99
91) Dibenzo(a,h)anthracene	26.477	278	1663623	41.348	ng		97
92) Benzo(g,h,i)perylene	27.236	276	1621992	41.004	ng		98

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

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