Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033516.D
Acq On : 18 Dec 2021 13:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Dec 20 07:06:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	26243	20.000	ng		-0.01
21) Naphthalene-d8	10.742	136	112079	20.000	ng		-0.01
39) Acenaphthene-d10	14.577	164	78480	20.000	ng		-0.01
64) Phenanthrene-d10	17.324	188	165143	20.000	ng		#-0.01
76) Chrysene-d12	21.506	240	132225	20.000	ng		0.00
86) Perylene-d12	23.918	264	114824	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	124757	82.031	ng		0.00
7) Phenol-d6	7.101	99	171420	83.989	ng		-0.01
23) Nitrobenzene-d5	9.107	82	215685	82.629	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	74127	83.967	ng		0.00
45) 2-Fluorobiphenyl	13.207	172	452926	79.834	ng		0.00
79) Terphenyl-d14	19.947	244	676120	80.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	24693	44.729	ng		95
3) Pyridine	3.796	79	65329	40.324	ng	#	88
4) n-Nitrosodimethylamine	3.701	42	47929	41.591	ng	#	86
6) Aniline	7.266	93	98394	42.212	ng		99
8) 2-Chlorophenol	7.495	128	67934	41.205	ng		98
9) Benzaldehyde	7.078	77	52426	42.271	ng		98
10) Phenol	7.131	94	85912	41.666	ng		85
11) bis(2-Chloroethyl)ether	7.360	93	65473	40.299	ng		98
12) 1,3-Dichlorobenzene	7.819	146	82250	41.064	ng		96
13) 1,4-Dichlorobenzene	7.966	146	83240	40.495	ng		98
14) 1,2-Dichlorobenzene	8.284	146	80413	39.878	ng		99
15) Benzyl Alcohol	8.184	79	79876	43.421	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.466	45	118586	41.050	ng		99
17) 2-Methylphenol	8.383	107	62561	42.694	ng		94
18) Hexachloroethane	9.013	117	34666	40.475	ng		98
19) n-Nitroso-di-n-propyla...	8.748	70	67085	41.691	ng		91
20) 3+4-Methylphenols	8.713	107	85169	43.571	ng		94
22) Acetophenone	8.766	105	118996	39.215	ng	#	92
24) Nitrobenzene	9.148	77	102364	39.924	ng	#	95
25) Isophorone	9.678	82	169803	40.179	ng		98
26) 2-Nitrophenol	9.860	139	39419	44.016	ng	#	86
27) 2,4-Dimethylphenol	9.919	122	59646	40.527	ng		95
28) bis(2-Chloroethoxy)met...	10.160	93	96205	41.445	ng		99
29) 2,4-Dichlorophenol	10.395	162	71174	42.398	ng		99
30) 1,2,4-Trichlorobenzene	10.607	180	82990	38.989	ng		100
31) Naphthalene	10.795	128	235973	38.866	ng		100
32) Benzoic acid	10.072	122	46930	45.862	ng		90
33) 4-Chloroaniline	10.913	127	90297	45.971	ng		96
34) Hexachlorobutadiene	11.072	225	57821	38.961	ng		95
35) Caprolactam	11.719	113	14388	43.386	ng		98
36) 4-Chloro-3-methylphenol	12.036	107	88959	41.287	ng		98
37) 2-Methylnaphthalene	12.407	142	166713	39.695	ng	#	96
38) 1-Methylnaphthalene	12.624	142	165192	39.432	ng		99
40) 1,2,4,5-Tetrachloroben...	12.771	216	91419	40.437	ng		98
41) Hexachlorocyclopentadiene	12.742	237	50142	51.287	ng		92
43) 2,4,6-Trichlorophenol	13.019	196	64060	42.375	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	68254	42.307	ng		97
46) 1,1'-Biphenyl	13.413	154	231699	39.870	ng		99
47) 2-Chloronaphthalene	13.454	162	180723	40.230	ng		97
48) 2-Nitroaniline	13.671	65	66783	43.637	ng		97
49) Acenaphthylene	14.301	152	286958	40.320	ng		99
50) Dimethylphthalate	14.042	163	236193	39.733	ng		100
51) 2,6-Dinitrotoluene	14.165	165	47687	42.447	ng	#	80
52) Acenaphthene	14.642	154	170618	39.473	ng		98
53) 3-Nitroaniline	14.501	138	45850	43.514	ng		95
54) 2,4-Dinitrophenol	14.701	184	26060	47.197	ng	#	84
55) Dibenzofuran	14.977	168	287789	39.288	ng		91
56) 4-Nitrophenol	14.813	139	33619	41.993	ng	#	81
57) 2,4-Dinitrotoluene	14.948	165	66688	43.405	ng		91
58) Fluorene	15.630	166	231698	39.413	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	61100	41.627	ng		95
60) Diethylphthalate	15.401	149	257174	40.231	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	122526	40.146	ng		95
62) 4-Nitroaniline	15.660	138	44815	41.225	ng	#	74
63) Azobenzene	15.912	77	285994	39.880	ng		94
65) 4,6-Dinitro-2-methylph...	15.712	198	42144	50.181	ng		96
66) n-Nitrosodiphenylamine	15.836	169	202017	41.206	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	72886	40.450	ng		93
68) Hexachlorobenzene	16.624	284	78766	40.710	ng		95
69) Atrazine	16.789	200	46382	44.623	ng		96
70) Pentachlorophenol	16.977	266	48014	44.209	ng		95
71) Phenanthrene	17.371	178	359795	39.145	ng		99
72) Anthracene	17.459	178	356604	39.686	ng		98
73) Carbazole	17.736	167	329973	41.593	ng		99
74) Di-n-butylphthalate	18.295	149	442988	40.167	ng	#	99
75) Fluoranthene	19.383	202	401821	38.004	ng		96
77) Benzidine	19.583	184	43535	70.417	ng		98
78) Pyrene	19.747	202	420192	40.277	ng		99
80) Butylbenzylphthalate	20.642	149	191319	40.975	ng		97
81) Benzo(a)anthracene	21.489	228	359297	40.543	ng		100
82) 3,3'-Dichlorobenzidine	21.424	252	147842	42.548	ng		98
83) Chrysene	21.541	228	348892	40.888	ng		98
84) Bis(2-ethylhexyl)phtha...	21.412	149	274199	40.067	ng		99
85) Di-n-octyl phthalate	22.341	149	447612	40.236	ng		100
87) Indeno(1,2,3-cd)pyrene	26.418	276	270684	51.131	ng	#	95
88) Benzo(b)fluoranthene	23.183	252	303426m	41.210	ng		
89) Benzo(k)fluoranthene	23.230	252	290620	39.022	ng	#	98
90) Benzo(a)pyrene	23.812	252	233494	42.376	ng		98
91) Dibenzo(a,h)anthracene	26.435	278	212531	53.524	ng		95
92) Benzo(g,h,i)perylene	27.188	276	238078	46.625	ng		98

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

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