Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
Data File : BM031863.D
Acq On : 21 Aug 2021 04:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 21 06:27:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.534	152	42712	20.000	ng		# 0.00
21) Naphthalene-d8	10.292	136	159726	20.000	ng		# 0.00
39) Acenaphthene-d10	14.175	164	92791	20.000	ng		0.00
64) Phenanthrene-d10	16.927	188	184968	20.000	ng		# 0.00
76) Chrysene-d12	21.133	240	167196	20.000	ng		0.00
86) Perylene-d12	23.280	264	170428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.169	112	217549	81.749	ng		0.00
7) Phenol-d6	6.734	99	284283	73.722	ng		0.00
23) Nitrobenzene-d5	8.687	82	299029	78.389	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	77099	67.462	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	553449	79.388	ng		0.00
79) Terphenyl-d14	19.574	244	777077	78.308	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	32326	29.055	ng		93
3) Pyridine	3.563	79	105844	34.424	ng		99
4) n-Nitrosodimethylamine	3.481	42	41038	22.871	ng	#	76
6) Aniline	6.881	93	149073	35.356	ng		98
8) 2-Chlorophenol	7.110	128	114620	36.783	ng		95
9) Benzaldehyde	6.699	77	97470	35.612	ng		94
10) Phenol	6.763	94	141081	36.828	ng		89
11) bis(2-Chloroethyl)ether	6.981	93	103925	36.115	ng		92
12) 1,3-Dichlorobenzene	7.422	146	124848	37.457	ng	#	94
13) 1,4-Dichlorobenzene	7.569	146	126751	36.907	ng		97
14) 1,2-Dichlorobenzene	7.875	146	121502	36.017	ng		96
15) Benzyl Alcohol	7.787	79	111635	33.618	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.069	45	150564	36.618	ng		94
17) 2-Methylphenol	7.987	107	93281	34.435	ng		93
18) Hexachloroethane	8.587	117	38744	27.216	ng	#	88
19) n-Nitroso-di-n-propyla...	8.340	70	93878	30.831	ng		92
20) 3+4-Methylphenols	8.316	107	126383	33.191	ng		98
22) Acetophenone	8.357	105	171319	37.773	ng	#	93
24) Nitrobenzene	8.728	77	151182	38.723	ng		94
25) Isophorone	9.251	82	245914	35.941	ng		97
26) 2-Nitrophenol	9.428	139	57320	37.297	ng	#	85
27) 2,4-Dimethylphenol	9.498	122	87800	37.361	ng		95
28) bis(2-Chloroethoxy)met...	9.734	93	122843	37.313	ng		99
29) 2,4-Dichlorophenol	9.957	162	101359	37.961	ng		93
30) 1,2,4-Trichlorobenzene	10.163	180	108728	38.134	ng	#	97
31) Naphthalene	10.345	128	345145	37.742	ng		100
32) Benzoic acid	9.669	122	77526	36.845	ng		98
33) 4-Chloroaniline	10.469	127	135327	35.602	ng	#	93
34) Hexachlorobutadiene	10.616	225	67892	37.293	ng		97
35) Caprolactam	11.286	113	30627	33.035	ng	#	80
36) 4-Chloro-3-methylphenol	11.604	107	113103	34.162	ng		88
37) 2-Methylnaphthalene	11.963	142	237528	34.709	ng	#	96
38) 1-Methylnaphthalene	12.186	142	224967	34.420	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.339	216	107669	40.850	ng	#	98
41) Hexachlorocyclopentadiene	12.310	237	4982	3.778	ng		99
43) 2,4,6-Trichlorophenol	12.592	196	78059	40.176	ng		99

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44) 2,4,5-Trichlorophenol	12.669	196	85569	40.301	ng	#	89
46) 1,1'-Biphenyl	12.998	154	286548	39.242	ng		99
47) 2-Chloronaphthalene	13.039	162	227762	39.731	ng	#	93
48) 2-Nitroaniline	13.263	65	84477	39.707	ng		84
49) Acenaphthylene	13.892	152	363390	38.719	ng		98
50) Dimethylphthalate	13.651	163	271900	35.166	ng		99
51) 2,6-Dinitrotoluene	13.775	165	59682	34.758	ng	#	68
52) Acenaphthene	14.239	154	217617	38.062	ng		99
53) 3-Nitroaniline	14.104	138	66542	37.742	ng		91
54) 2,4-Dinitrophenol	14.322	184	8208	8.109	ng	#	79
55) Dibenzofuran	14.580	168	351679	36.809	ng		93
56) 4-Nitrophenol	14.433	139	54433	36.194	ng	#	72
57) 2,4-Dinitrotoluene	14.569	165	83125	33.614	ng	#	51
58) Fluorene	15.233	166	287137	36.203	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.816	232	70107	36.412	ng	#	82
60) Diethylphthalate	15.022	149	292113	34.371	ng		97
61) 4-Chlorophenyl-phenyle...	15.233	204	134542	35.142	ng	#	84
62) 4-Nitroaniline	15.274	138	67078	37.030	ng	#	76
63) Azobenzene	15.527	77	339117	36.047	ng		90
65) 4,6-Dinitro-2-methylph...	15.339	198	14511	11.476	ng	#	65
66) n-Nitrosodiphenylamine	15.457	169	233687	38.428	ng		100
67) 4-Bromophenyl-phenylether	16.127	248	76086	38.645	ng	#	85
68) Hexachlorobenzene	16.233	284	80044	37.166	ng	#	84
69) Atrazine	16.421	200	75685	34.972	ng		97
70) Pentachlorophenol	16.586	266	55542	38.394	ng		94
71) Phenanthrene	16.974	178	420630	37.287	ng		99
72) Anthracene	17.063	178	418704	37.860	ng		99
73) Carbazole	17.345	167	408135	36.838	ng		98
74) Di-n-butylphthalate	17.915	149	516886	37.457	ng	#	98
75) Fluoranthene	18.998	202	471711	34.910	ng		98
77) Benzidine	19.204	184	215492	43.371	ng		98
78) Pyrene	19.362	202	484580	40.007	ng		100
80) Butylbenzylphthalate	20.280	149	238787	41.133	ng		88
81) Benzo(a)anthracene	21.115	228	464018	37.889	ng		99
82) 3,3'-Dichlorobenzidine	21.056	252	149905	39.610	ng	#	98
83) Chrysene	21.168	228	442601	37.077	ng		99
84) Bis(2-ethylhexyl)phtha...	21.062	149	361993	40.352	ng	#	94
85) Di-n-octyl phthalate	21.921	149	607732	41.000	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.409	276	525664	43.768	ng		98
88) Benzo(b)fluoranthene	22.645	252	477219	37.294	ng		99
89) Benzo(k)fluoranthene	22.686	252	426188	34.507	ng	#	97
90) Benzo(a)pyrene	23.186	252	426130	37.613	ng		99
91) Dibenzo(a,h)anthracene	25.421	278	456297	43.199	ng		98
92) Benzo(g,h,i)perylene	26.062	276	428661	44.566	ng		99

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

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