Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020521.D
Acq On : 23 May 2019 18:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:39 PM

Quant Time: May 24 03:14:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	43410	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	151553	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	92902	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	233142	20.00	ng		0.00
76) Chrysene-d12	21.28	240	268852	20.00	ng		0.00
87) Perylene-d12	23.52	264	298754	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	244542	92.08	ng		0.00
7) Phenol-d6	6.85	99	318526	87.79	ng		0.00
23) Nitrobenzene-d5	8.84	82	336465	87.65	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	154797	107.35	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	689470	91.31	ng		0.00
79) Terphenyl-d14	19.72	244	1357287	88.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	60417	46.386	ng	#	85
3) Pyridine	3.59	79	155041	46.543	ng		89
4) n-Nitrosodimethylamine	3.50	42	37051	34.686	ng	#	47
6) Aniline	7.00	93	190346	41.678	ng		93
8) 2-Chlorophenol	7.23	128	127491	44.089	ng		94
9) Benzaldehyde	6.83	77	100488	36.595	ng		93
10) Phenol	6.87	94	171390	43.882	ng		87
11) bis(2-Chloroethyl)ether	7.10	93	122246	43.063	ng		94
12) 1,3-Dichlorobenzene	7.56	146	151453	45.016	ng	#	93
13) 1,4-Dichlorobenzene	7.70	146	152275	44.804	ng		96
14) 1,2-Dichlorobenzene	8.02	146	141844	43.806	ng		96
15) Benzyl Alcohol	7.92	79	117060	33.461	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	80765	34.311	ng		91
17) 2-Methylphenol	8.12	107	103379	41.117	ng		94
18) Hexachloroethane	8.73	117	57577	40.629	ng		88
19) n-Nitroso-di-n-propylamine	8.48	70	109654	35.327	ng		93
20) 3+4-Methylphenols	8.45	107	135741	40.622	ng		94
22) Acetophenone	8.50	105	182277	44.007	ng	#	93
24) Nitrobenzene	8.89	77	170074	42.731	ng		93
25) Isophorone	9.40	82	280854	42.426	ng		98
26) 2-Nitrophenol	9.59	139	62461	51.982	ng		91
27) 2,4-Dimethylphenol	9.65	122	86360	43.170	ng		96
28) bis(2-Chloroethoxy)methane	9.88	93	154247	42.782	ng		99
29) 2,4-Dichlorophenol	10.12	162	119589	47.408	ng		95
30) 1,2,4-Trichlorobenzene	10.32	180	152090	49.000	ng		97
31) Naphthalene	10.51	128	353098	44.897	ng		100
32) Benzoic acid	9.79	122	68834m	48.311	ng		
33) 4-Chloroaniline	10.64	127	129958	40.148	ng		98
34) Hexachlorobutadiene	10.77	225	111449	50.758	ng		96
35) Caprolactam	11.45	113	31079	41.204	ng		94
36) 4-Chloro-3-methylphenol	11.76	107	121871	41.112	ng		95
37) 2-Methylnaphthalene	12.13	142	249368	43.492	ng		95
38) 1-Methylnaphthalene	12.35	142	246521	43.969	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	182191	50.126	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	79974	37.369	ng		99
43) 2,4,6-Trichlorophenol	12.75	196	105004	50.833	ng		95
44) 2,4,5-Trichlorophenol	12.83	196	111822	48.457	ng		94
46) 1,1'-Biphenyl	13.16	154	338881	44.317	ng		98
47) 2-Chloronaphthalene	13.20	162	276409	45.274	ng		96
48) 2-Nitroaniline	13.42	65	73947	34.021	ng		95
49) Acenaphthylene	14.05	152	428711	43.876	ng		99
50) Dimethylphthalate	13.79	163	337182	42.703	ng		99
51) 2,6-Dinitrotoluene	13.93	165	73068	43.936	ng		88
52) Acenaphthene	14.39	154	245648	43.841	ng		99
53) 3-Nitroaniline	14.26	138	59455	38.519	ng		100
54) 2,4-Dinitrophenol	14.48	184	30733	41.458	ng		87
55) Dibenzofuran	14.73	168	432229	45.733	ng		95
56) 4-Nitrophenol	14.57	139	47743	36.253	ng		87
57) 2,4-Dinitrotoluene	14.72	165	100112	44.302	ng		97
58) Fluorene	15.38	166	346910	44.693	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	110251	50.275	ng	#	91
60) Diethylphthalate	15.16	149	326693	41.067	ng		98
61) 4-Chlorophenyl-phenylether	15.37	204	207320	47.140	ng		93
62) 4-Nitroaniline	15.43	138	57831m	33.950	ng		
63) Azobenzene	15.67	77	359826	38.342	ng		97
65) 4,6-Dinitro-2-methylphenol	15.49	198	52670	45.256	ng		90
66) n-Nitrosodiphenylamine	15.60	169	289298	42.170	ng		97
67) 4-Bromophenyl-phenylether	16.27	248	135719	47.472	ng	#	92
68) Hexachlorobenzene	16.38	284	159848	48.588	ng		93
69) Atrazine	16.55	200	104103	38.830	ng		98
70) Pentachlorophenol	16.73	266	88773	47.161	ng		92
71) Phenanthrene	17.13	178	578335	44.938	ng		99
72) Anthracene	17.22	178	557395	43.319	ng		99
73) Carbazole	17.50	167	491230	42.310	ng		98
74) Di-n-butylphthalate	18.04	149	535172	38.302	ng		99
75) Fluoranthene	19.15	202	759199	46.624	ng		99
77) Benzidine	19.35	184	293834	34.185	ng		99
78) Pyrene	19.52	202	777667	43.083	ng		99
80) Butylbenzylphthalate	20.41	149	243006	37.021	ng		97
81) Benzo(a)anthracene	21.26	228	817298	43.347	ng		98
82) 3,3'-Dichlorobenzidine	21.20	252	286434	39.804	ng		97
83) Chrysene	21.32	228	804823	44.014	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	370323	36.357	ng		97
85) Di-n-octyl phthalate	22.06	149	658412	38.892	ng		96
86) Indeno(1,2,3-cd)pyrene	25.80	276	1020511	46.919	ng	#	100
88) Benzo(b)fluoranthene	22.84	252	846697	42.918	ng		98
89) Benzo(k)fluoranthene	22.89	252	805871	44.781	ng		99
90) Benzo(a)pyrene	23.43	252	785307	43.824	ng		99
91) Dibenzo(a,h)anthracene	25.81	278	851237	45.678	ng		98
92) Benzo(g,h,i)perylene	26.50	276	834622	47.173	ng		97

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

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