Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015804.D
Acq On : 06 Jul 2018 16:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/9/2018 1:55:39 PM

Quant Time: Jul 07 01:41:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	127022	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	589460	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	346399	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	783945	20.00	ng		0.00
75) Chrysene-d12	21.76	240	841827	20.00	ng		0.00
86) Perylene-d12	24.17	264	659917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	575035	77.64	ng		0.00
7) Phenol-d6	7.46	99	815598	80.44	ng		0.00
23) Nitrobenzene-d5	9.50	82	964967	79.87	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	390746	86.33	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2226801	79.81	ng		0.00
78) Terphenyl-d14	20.22	244	3813196	84.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	111197	36.301	ng	#	100
3) Pyridine	4.01	79	299542	37.057	ng	#	80
4) n-Nitrosodimethylamine	3.92	42	247258	39.284	ng	#	45
6) Aniline	7.63	93	482593	39.257	ng		91
8) 2-Chlorophenol	7.87	128	355039	39.940	ng		96
9) Benzaldehyde	7.45	77	268863	42.070	ng		93
10) Phenol	7.49	94	405729	39.822	ng		92
11) bis(2-Chloroethyl)ether	7.72	93	324255	39.123	ng		86
12) 1,3-Dichlorobenzene	8.19	146	385113	39.075	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	394108	38.669	ng	#	93
14) 1,2-Dichlorobenzene	8.66	146	390124	39.579	ng		94
15) Benzyl Alcohol	8.56	79	355238	40.354	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	352057	38.894	ng		98
17) 2-Methylphenol	8.76	107	284276	40.273	ng	#	85
18) Hexachloroethane	9.39	117	163895	40.669	ng		95
19) n-Nitroso-di-n-propylamine	9.13	70	331334	40.659	ng	#	79
20) 3+4-Methylphenols	9.09	107	402216	41.022	ng		90
22) Acetophenone	9.15	105	597554	38.914	ng	#	86
24) Nitrobenzene	9.54	77	459383	39.063	ng		98
25) Isophorone	10.06	82	738139	40.029	ng	#	94
26) 2-Nitrophenol	10.25	139	200202	39.534	ng	#	63
27) 2,4-Dimethylphenol	10.30	122	303026	39.390	ng	#	85
28) bis(2-Chloroethoxy)methane	10.53	93	466508	38.832	ng		98
29) 2,4-Dichlorophenol	10.79	162	349644	41.037	ng		98
30) 1,2,4-Trichlorobenzene	11.00	180	392024	39.614	ng		98
31) Naphthalene	11.19	128	1192230	39.011	ng		99
32) Benzoic acid	10.49	122	269228m	39.528	ng		
33) 4-Chloroaniline	11.30	127	504951	40.526	ng	#	88
34) Hexachlorobutadiene	11.45	225	261932	39.659	ng		96
35) Caprolactam	12.13	113	113614	40.208	ng	#	87
36) 4-Chloro-3-methylphenol	12.40	107	404283	41.353	ng		88
37) 2-Methylnaphthalene	12.77	142	875293	40.262	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	445147	40.039	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	168594	38.101	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	290095	41.278	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	310363	40.882	ng	#	86
45) 1,1'-Biphenyl	13.77	154	1181812	39.460	ng		99
46) 2-Chloronaphthalene	13.82	162	885205	39.531	ng	#	91
47) 2-Nitroaniline	14.03	65	313001	40.083	ng	#	79
48) Acenaphthylene	14.66	152	1467464	40.285	ng		99
49) Dimethylphthalate	14.39	163	1208048	39.543	ng		100
50) 2,6-Dinitrotoluene	14.52	165	243860	40.940	ng	#	70
51) Acenaphthene	15.00	154	908118	40.063	ng		98
52) 3-Nitroaniline	14.85	138	258980	39.722	ng	#	76
53) 2,4-Dinitrophenol	15.06	184	95764	36.315	ng	#	90
54) Dibenzofuran	15.33	168	1397569	40.013	ng	#	88
55) 4-Nitrophenol	15.15	139	191607	39.821	ng	#	74
56) 2,4-Dinitrotoluene	15.30	165	347573	40.417	ng		94
57) Fluorene	15.97	166	1178414	40.913	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	266493	41.599	ng	#	100
59) Diethylphthalate	15.73	149	1311582	40.063	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	598566	40.386	ng		90
61) 4-Nitroaniline	16.01	138	258299	38.190	ng	#	39
62) Azobenzene	16.24	77	1278484	41.661	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	183543	38.513	ng		90
65) n-Nitrosodiphenylamine	16.17	169	1059549	39.444	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	351155	40.119	ng	#	81
67) Hexachlorobenzene	16.96	284	392258	40.105	ng	#	79
68) Atrazine	17.10	200	352230	39.865	ng		97
69) Pentachlorophenol	17.30	266	241496	39.902	ng		98
70) Phenanthrene	17.70	178	1781546	39.722	ng		99
71) Anthracene	17.79	178	1798494	40.833	ng		99
72) Carbazole	18.06	167	1651176	40.230	ng		99
73) Di-n-butylphthalate	18.57	149	2287860	41.356	ng	#	97
74) Fluoranthene	19.68	202	2079392	40.329	ng		100
76) Benzidine	19.85	184	931182	37.754	ng		99
77) Pyrene	20.04	202	2165081	41.288	ng		99
79) Butylbenzylphthalate	20.89	149	1079367	42.581	ng		89
80) Benzo(a)anthracene	21.75	228	2099949	39.344	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	757955	39.524	ng		99
82) Chrysene	21.80	228	1925743	38.731	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1576662	42.096	ng		94
84) Di-n-octyl phthalate	22.55	149	2530916	41.442	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1581225	34.230	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1803646	40.937	ng	#	95
88) Benzo(k)fluoranthene	23.49	252	1729273	40.404	ng		98
89) Benzo(a)pyrene	24.06	252	1540918	39.731	ng		99
90) Dibenzo(a,h)anthracene	26.65	278	1370421	39.273	ng		97
91) Benzo(g,h,i)perylene	27.41	276	1205881	39.331	ng	#	94

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

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