Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015858.D
Acq On : 10 Jul 2018 01:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/10/2018 2:50:15 PM

Quant Time: Jul 10 03:33:36 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	8.30	152	92195	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	442083	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	268339	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	603803	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	600656	20.00	ng		-0.01
86) Perylene-d12	24.15	264	473168	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	414112	77.03	ng		-0.02
7) Phenol-d6	7.45	99	581094	78.96	ng		-0.01
23) Nitrobenzene-d5	9.49	82	713092	78.70	ng		-0.01
41) 2,4,6-Tribromophenol	16.40	330	288023	82.15	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1677830	77.63	ng		-0.01
78) Terphenyl-d14	20.21	244	2754390	85.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	81072	36.464	ng	#	100
3) Pyridine	4.00	79	214574	36.573	ng	#	77
4) n-Nitrosodimethylamine	3.92	42	185298	40.561	ng	#	40
6) Aniline	7.62	93	350990	39.337	ng		90
8) 2-Chlorophenol	7.86	128	255321	39.572	ng		95
9) Benzaldehyde	7.43	77	183431	39.544	ng		90
10) Phenol	7.48	94	289158	39.102	ng		94
11) bis(2-Chloroethyl)ether	7.72	93	233686	38.846	ng		89
12) 1,3-Dichlorobenzene	8.19	146	279214	39.032	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	286026	38.665	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	281683	39.373	ng	#	94
15) Benzyl Alcohol	8.55	79	256136	40.088	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	309384m	47.091	ng		
17) 2-Methylphenol	8.75	107	205364	40.084	ng	#	86
18) Hexachloroethane	9.39	117	119098	40.716	ng		94
19) n-Nitroso-di-n-propylamine	9.12	70	245786	41.555	ng	#	74
20) 3+4-Methylphenols	9.08	107	292783	41.141	ng		88
22) Acetophenone	9.15	105	448409	38.937	ng	#	86
24) Nitrobenzene	9.53	77	341768	38.750	ng		98
25) Isophorone	10.05	82	552870	39.977	ng	#	95
26) 2-Nitrophenol	10.25	139	146978	38.700	ng	#	63
27) 2,4-Dimethylphenol	10.29	122	222089	38.493	ng	#	84
28) bis(2-Chloroethoxy)methane	10.53	93	350627	38.915	ng		99
29) 2,4-Dichlorophenol	10.77	162	258389	40.436	ng		96
30) 1,2,4-Trichlorobenzene	10.99	180	289470	39.002	ng		96
31) Naphthalene	11.18	128	885943	38.653	ng		99
32) Benzoic acid	10.46	122	165739	32.446	ng		90
33) 4-Chloroaniline	11.29	127	373609	39.980	ng	#	87
34) Hexachlorobutadiene	11.44	225	196499	39.671	ng		96
35) Caprolactam	12.11	113	84998	40.109	ng	#	86
36) 4-Chloro-3-methylphenol	12.40	107	299412	40.836	ng		89
37) 2-Methylnaphthalene	12.77	142	650333	39.886	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	332191	38.571	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	121334	36.070	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	215975	39.671	ng		98
43) 2,4,5-Trichlorophenol	13.45	196	229684	39.056	ng	#	84
45) 1,1'-Biphenyl	13.76	154	893735	38.522	ng		99
46) 2-Chloronaphthalene	13.81	162	668360	38.530	ng	#	90
47) 2-Nitroaniline	14.02	65	237147	39.203	ng	#	78
48) Acenaphthylene	14.65	152	1109415	39.315	ng		100
49) Dimethylphthalate	14.37	163	930675	39.326	ng		100
50) 2,6-Dinitrotoluene	14.51	165	184875	40.066	ng	#	70
51) Acenaphthene	14.99	154	682689	38.879	ng		98
52) 3-Nitroaniline	14.84	138	193855	38.383	ng	#	80
53) 2,4-Dinitrophenol	15.06	184	69882	34.615	ng	#	82
54) Dibenzofuran	15.32	168	1061963	39.249	ng	#	87
55) 4-Nitrophenol	15.14	139	134972	36.211	ng	#	74
56) 2,4-Dinitrotoluene	15.30	165	264802	39.750	ng		93
57) Fluorene	15.96	166	890638	39.917	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	197437	39.785	ng	#	100
59) Diethylphthalate	15.72	149	1022381	40.314	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	455101	39.639	ng		90
61) 4-Nitroaniline	16.00	138	183943	35.107	ng	#	33
62) Azobenzene	16.24	77	988016	41.561	ng		81
64) 4,6-Dinitro-2-methylphenol	16.06	198	137788	37.538	ng		87
65) n-Nitrosodiphenylamine	16.16	169	796633	38.504	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	263928	39.149	ng	#	84
67) Hexachlorobenzene	16.96	284	293404	38.947	ng	#	78
68) Atrazine	17.09	200	262727	38.606	ng		98
69) Pentachlorophenol	17.30	266	173135	37.142	ng		98
70) Phenanthrene	17.69	178	1328558	38.460	ng		99
71) Anthracene	17.78	178	1328932	39.174	ng		99
72) Carbazole	18.05	167	1216345	38.477	ng		98
73) Di-n-butylphthalate	18.57	149	1727441	40.542	ng	#	97
74) Fluoranthene	19.67	202	1516434	38.186	ng		99
76) Benzidine	19.84	184	548383	31.161	ng		99
77) Pyrene	20.03	202	1568486	41.920	ng		99
79) Butylbenzylphthalate	20.87	149	777195	42.971	ng	#	83
80) Benzo(a)anthracene	21.74	228	1483066	38.943	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	518239	37.874	ng		100
82) Chrysene	21.80	228	1343344	37.866	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	1122586	42.007	ng		95
84) Di-n-octyl phthalate	22.54	149	1751253	40.189	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.63	276	1084750	32.911	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1266718	40.098	ng	#	95
88) Benzo(k)fluoranthene	23.47	252	1212202	39.501	ng		98
89) Benzo(a)pyrene	24.06	252	1085687	39.042	ng		99
90) Dibenzo(a,h)anthracene	26.63	278	952149	38.055	ng		97
91) Benzo(g,h,i)perylene	27.39	276	832048	37.848	ng	#	93

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

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