Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015771.D
Acq On : 05 Jul 2018 17:24
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070518

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:41 PM

Quant Time: Jul 05 18:00:42 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	99143	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	442608	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	254922	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	564371	20.00	ng		0.00
75) Chrysene-d12	21.77	240	618567	20.00	ng		0.00
86) Perylene-d12	24.17	264	564631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	466210	80.64	ng		0.00
7) Phenol-d6	7.46	99	647163	81.77	ng		0.00
23) Nitrobenzene-d5	9.50	82	737758	81.33	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	282252	84.74	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	1663370	81.01	ng		0.00
78) Terphenyl-d14	20.22	244	2671833	80.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	93580	39.140	ng	#	100
3) Pyridine	4.02	79	245329	38.884	ng	#	80
4) n-Nitrosodimethylamine	3.92	42	189641	38.603	ng	#	45
6) Aniline	7.63	93	389207	40.563	ng		93
8) 2-Chlorophenol	7.87	128	278752	40.176	ng		95
9) Benzaldehyde	7.45	77	195360	39.164	ng		93
10) Phenol	7.49	94	321276	40.400	ng		89
11) bis(2-Chloroethyl)ether	7.73	93	255826	39.546	ng		90
12) 1,3-Dichlorobenzene	8.20	146	305166	39.670	ng	#	92
13) 1,4-Dichlorobenzene	8.35	146	313680	39.432	ng		96
14) 1,2-Dichlorobenzene	8.67	146	306297	39.813	ng		94
15) Benzyl Alcohol	8.56	79	276728	40.275	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.85	45	279455	39.555	ng		98
17) 2-Methylphenol	8.76	107	224986	40.836	ng	#	88
18) Hexachloroethane	9.40	117	125716	39.967	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	256549	40.334	ng	#	79
20) 3+4-Methylphenols	9.09	107	314682	41.120	ng		90
22) Acetophenone	9.16	105	469896	40.754	ng	#	89
24) Nitrobenzene	9.55	77	356162	40.334	ng		99
25) Isophorone	10.06	82	572084	41.318	ng	#	94
26) 2-Nitrophenol	10.26	139	155834	40.983	ng	#	68
27) 2,4-Dimethylphenol	10.30	122	232937	40.325	ng		88
28) bis(2-Chloroethoxy)methane	10.54	93	363822	40.332	ng		99
29) 2,4-Dichlorophenol	10.79	162	267926	41.879	ng		98
30) 1,2,4-Trichlorobenzene	11.00	180	301320	40.550	ng		98
31) Naphthalene	11.19	128	920178	40.099	ng		99
32) Benzoic acid	10.47	122	211552m	41.365	ng		
33) 4-Chloroaniline	11.30	127	384665	41.115	ng	#	89
34) Hexachlorobutadiene	11.45	225	199446	40.218	ng		98
35) Caprolactam	12.12	113	85459	40.278	ng	#	84
36) 4-Chloro-3-methylphenol	12.41	107	304224	41.443	ng		89
37) 2-Methylnaphthalene	12.78	142	665553	40.771	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	335431	40.997	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	126712	38.711	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	218264	42.202	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	233856	41.858	ng	#	84
45) 1,1'-Biphenyl	13.77	154	884556	40.133	ng		99
46) 2-Chloronaphthalene	13.82	162	670210	40.670	ng	#	91
47) 2-Nitroaniline	14.03	65	233115	40.565	ng		83
48) Acenaphthylene	14.66	152	1099765	41.024	ng		99
49) Dimethylphthalate	14.39	163	904728	40.242	ng		99
50) 2,6-Dinitrotoluene	14.52	165	183173	41.786	ng	#	77
51) Acenaphthene	15.00	154	674837	40.455	ng		98
52) 3-Nitroaniline	14.85	138	193463	40.321	ng	#	75
53) 2,4-Dinitrophenol	15.07	184	77483	39.230	ng		93
54) Dibenzofuran	15.33	168	1030292	40.082	ng	#	87
55) 4-Nitrophenol	15.15	139	147010	41.516	ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	254291	40.181	ng		94
57) Fluorene	15.97	166	853255	40.254	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	197803	41.957	ng	#	100
59) Diethylphthalate	15.73	149	968357	40.193	ng		97
60) 4-Chlorophenyl-phenylether	15.95	204	441186	40.449	ng	#	88
61) 4-Nitroaniline	16.01	138	205800	41.346	ng	#	39
62) Azobenzene	16.24	77	925740	40.991	ng		81
64) 4,6-Dinitro-2-methylphenol	16.07	198	139334	40.611	ng		90
65) n-Nitrosodiphenylamine	16.17	169	778674	40.266	ng		100
66) 4-Bromophenyl-phenylether	16.84	248	258199	40.975	ng	#	86
67) Hexachlorobenzene	16.97	284	285349	40.525	ng	#	82
68) Atrazine	17.10	200	265532	41.745	ng		99
69) Pentachlorophenol	17.31	266	177457	40.729	ng		99
70) Phenanthrene	17.70	178	1291267	39.992	ng		99
71) Anthracene	17.79	178	1297027	40.905	ng		99
72) Carbazole	18.06	167	1198994	40.578	ng		99
73) Di-n-butylphthalate	18.58	149	1628332	40.886	ng	#	98
74) Fluoranthene	19.68	202	1507511	40.613	ng		99
76) Benzidine	19.86	184	593301	32.737	ng		98
77) Pyrene	20.04	202	1570515	40.759	ng		99
79) Butylbenzylphthalate	20.89	149	766894	41.174	ng	#	85
80) Benzo(a)anthracene	21.75	228	1596607	40.710	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	570638	40.496	ng		100
82) Chrysene	21.80	228	1456396	39.864	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1128196	40.995	ng		95
84) Di-n-octyl phthalate	22.56	149	1873182	41.743	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.66	276	1424806	41.976	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1483231	39.346	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1506627	41.143	ng		98
89) Benzo(a)pyrene	24.07	252	1344693	40.523	ng		99
90) Dibenzo(a,h)anthracene	26.66	278	1240319	41.543	ng		98
91) Benzo(g,h,i)perylene	27.42	276	1081757	41.236	ng		95

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

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