Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090517\
Data File : BM011437.D
Acq On : 05 Sep 2017 18:11
Operator : SJ/JU
Sample : I5075-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11948MS

Manual Integrations APPROVED
Sohil
9/6/2017 5:14:14 PM

Quant Time: Sep 06 08:26:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	475265	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	2053150	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	1140498	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2573601	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3013493	20.00	ng		-0.01
86) Perylene-d12	23.89	264	2567207	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	4150045	146.98	ng		0.00
7) Phenol-d6	7.14	99	4847848	123.83	ng		0.00
23) Nitrobenzene-d5	9.15	82	3399634	109.12	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	2166960	164.22	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	8364007	105.71	ng		-0.01
78) Terphenyl-d14	19.96	244	10971673	90.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	406604	34.552	ng	#	100
3) Pyridine	3.86	79	523824	14.536	ng	#	80
4) n-Nitrosodimethylamine	3.75	42	762847	41.457	ng	#	68
8) 2-Chlorophenol	7.55	128	1530297	45.974	ng		90
9) Benzaldehyde	7.12	77	339770	14.930	ng		96
10) Phenol	7.16	94	1666763	38.725	ng	#	77
11) bis(2-Chloroethyl)ether	7.40	93	1692567	49.202	ng		85
12) 1,3-Dichlorobenzene	7.87	146	1516224	40.002	ng		96
13) 1,4-Dichlorobenzene	8.02	146	1548682	40.177	ng		98
14) 1,2-Dichlorobenzene	8.34	146	1508738	40.439	ng		99
15) Benzyl Alcohol	8.22	79	815056	28.794	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2580721	44.862	ng		93
17) 2-Methylphenol	8.42	107	1255665	45.562	ng		95
18) Hexachloroethane	9.07	117	535453	40.578	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	1237481	43.048	ng	#	85
20) 3+4-Methylphenols	8.75	107	1674636	43.795	ng		96
22) Acetophenone	8.81	105	2308006	45.239	ng	#	91
24) Nitrobenzene	9.19	77	1708649	49.770	ng		94
25) Isophorone	9.72	82	3238968	46.397	ng		94
26) 2-Nitrophenol	9.90	139	703671	47.223	ng	#	84
27) 2,4-Dimethylphenol	9.95	122	1470738	45.182	ng		95
28) bis(2-Chloroethoxy)methane	10.19	93	2139383	44.908	ng		99
29) 2,4-Dichlorophenol	10.43	162	1465043	48.105	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	1430542	42.433	ng		97
31) Naphthalene	10.85	128	4906891	44.266	ng		99
32) Benzoic acid	10.08	122	668086	32.658	ng		99
34) Hexachlorobutadiene	11.12	225	781205	40.668	ng		97
35) Caprolactam	11.75	113	305916m	27.892	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1584169	44.288	ng		91
37) 2-Methylnaphthalene	12.45	142	3588499	46.510	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1568981	45.715	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1877723	119.344	ng		99
42) 2,4,6-Trichlorophenol	13.05	196	1090826	48.014	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1172646	50.822	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.45	154	4501002	44.454	ng		97
46) 2-Chloronaphthalene	13.50	162	3383104	44.979	ng		95
47) 2-Nitroaniline	13.70	65	1183310	49.405	ng		81
48) Acenaphthylene	14.34	152	5496153	46.898	ng		100
49) Dimethylphthalate	14.07	163	4253356	46.934	ng		100
50) 2,6-Dinitrotoluene	14.19	165	877896	51.162	ng	#	90
51) Acenaphthene	14.68	154	3497379	45.958	ng		99
52) 3-Nitroaniline	14.53	138	932243	41.827	ng		83
53) 2,4-Dinitrophenol	14.72	184	894599	102.095	ng		92
54) Dibenzofuran	15.02	168	5345783	50.945	ng		96
55) 4-Nitrophenol	14.82	139	1444891	83.301	ng	#	50
56) 2,4-Dinitrotoluene	14.97	165	1217057	49.980	ng		85
57) Fluorene	15.66	166	4491714	49.099	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	1042778	55.851	ng	#	100
59) Diethylphthalate	15.43	149	4485599	48.040	ng		99
60) 4-Chlorophenyl-phenylether	15.65	204	2064500	48.381	ng		95
61) 4-Nitroaniline	15.68	138	1078534	46.550	ng		82
62) Azobenzene	15.94	77	4524480	53.767	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	571778	54.267	ng		87
65) n-Nitrosodiphenylamine	15.86	169	3797617	46.829	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1250549	46.195	ng	#	90
67) Hexachlorobenzene	16.66	284	1351349	42.537	ng	#	87
68) Atrazine	16.82	200	1147345	48.274	ng		98
69) Pentachlorophenol	17.00	266	1762124	101.037	ng		98
70) Phenanthrene	17.40	178	7117334	49.659	ng		98
71) Anthracene	17.49	178	7136938	49.520	ng		98
72) Carbazole	17.76	167	6757858	48.656	ng		99
73) Di-n-butylphthalate	18.31	149	8042935	49.845	ng		100
74) Fluoranthene	19.40	202	8055247	49.256	ng		94
76) Benzidine	19.60	184	1749345	29.413	ng		99
77) Pyrene	19.76	202	8517448	46.125	ng		97
79) Butylbenzylphthalate	20.64	149	3877180	47.527	ng		88
80) Benzo(a)anthracene	21.50	228	8092903	48.016	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2575853	40.255	ng		99
82) Chrysene	21.56	228	7559620	47.587	ng		97
83) Bis(2-ethylhexyl)phthalate	21.42	149	5874344	49.117	ng		99
84) Di-n-octyl phthalate	22.33	149	10095341	50.073	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.34	276	7095700	47.884	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7815021	49.584	ng		99
88) Benzo(k)fluoranthene	23.22	252	7606520	50.336	ng		96
89) Benzo(a)pyrene	23.80	252	7195845	50.619	ng	#	97
90) Dibenzo(a,h)anthracene	26.36	278	5926743	48.715	ng		99
91) Benzo(g,h,i)perylene	27.10	276	5582739	47.482	ng		99

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

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