Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090517\
Data File : BM011438.D
Acq On : 05 Sep 2017 18:48
Operator : SJ/JU
Sample : I5075-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Manual Integrations APPROVED
Sohil
9/6/2017 5:14:18 PM

Quant Time: Sep 06 08:27:57 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	501999	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	2151923	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	1192994	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2605573	20.00	ng		0.00
75) Chrysene-d12	21.52	240	2996846	20.00	ng		-0.02
86) Perylene-d12	23.90	264	2597498	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	4439051	148.85	ng		0.00
7) Phenol-d6	7.14	99	5241647	126.75	ng		0.00
23) Nitrobenzene-d5	9.15	82	3642463	111.54	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	2204736	159.74	ng		-0.01
44) 2-Fluorobiphenyl	13.24	172	8604029	103.96	ng		-0.01
78) Terphenyl-d14	19.96	244	10990031	90.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	434721	34.974	ng	#	100
3) Pyridine	3.86	79	657858	17.283	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	776721	39.963	ng	#	71
8) 2-Chlorophenol	7.55	128	1649021	46.903	ng		90
9) Benzaldehyde	7.12	77	359636	14.961	ng		97
10) Phenol	7.16	94	1805507	39.715	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	1893608	52.115	ng		87
12) 1,3-Dichlorobenzene	7.87	146	1598577	39.929	ng		97
13) 1,4-Dichlorobenzene	8.02	146	1645483	40.415	ng		99
14) 1,2-Dichlorobenzene	8.34	146	1601994	40.652	ng		98
15) Benzyl Alcohol	8.22	79	927979	31.038	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2701700	44.464	ng		92
17) 2-Methylphenol	8.42	107	1363594	46.843	ng		97
18) Hexachloroethane	9.07	117	563728	40.445	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	1339170	44.105	ng	#	89
20) 3+4-Methylphenols	8.75	107	1814289	44.921	ng		98
22) Acetophenone	8.81	105	2462757	46.057	ng	#	91
24) Nitrobenzene	9.19	77	1837942	51.078	ng		93
25) Isophorone	9.72	82	3489939	47.697	ng		94
26) 2-Nitrophenol	9.90	139	773093	49.190	ng	#	82
27) 2,4-Dimethylphenol	9.95	122	1601403	46.938	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	2267103	45.405	ng		100
29) 2,4-Dichlorophenol	10.43	162	1563286	48.975	ng		97
30) 1,2,4-Trichlorobenzene	10.65	180	1521024	43.046	ng		98
31) Naphthalene	10.85	128	5165567	44.460	ng		100
32) Benzoic acid	10.08	122	739310	34.116	ng		99
34) Hexachlorobutadiene	11.12	225	829725	41.211	ng		99
35) Caprolactam	11.75	113	330805m	28.777	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1679982	44.811	ng		91
37) 2-Methylnaphthalene	12.45	142	3752590	46.404	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1631191	45.436	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1983203	120.502	ng		99
42) 2,4,6-Trichlorophenol	13.05	196	1148409	48.324	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1239695	51.364	ng	#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.45	154	4679093	44.180	ng		98
46) 2-Chloronaphthalene	13.49	162	3521695	44.762	ng		95
47) 2-Nitroaniline	13.69	65	1243334	49.602	ng	#	79
48) Acenaphthylene	14.34	152	5691509	46.428	ng		100
49) Dimethylphthalate	14.07	163	4453266	46.978	ng		100
50) 2,6-Dinitrotoluene	14.19	165	923519	51.452	ng		91
51) Acenaphthene	14.68	154	3553466	44.640	ng		100
52) 3-Nitroaniline	14.53	138	999408	42.867	ng		86
53) 2,4-Dinitrophenol	14.72	184	951390	103.175	ng		91
54) Dibenzofuran	15.01	168	5487011	49.989	ng		96
55) 4-Nitrophenol	14.82	139	1503344	82.857	ng	#	50
56) 2,4-Dinitrotoluene	14.97	165	1259202	49.491	ng		85
57) Fluorene	15.66	166	4549780	47.545	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	1079274	55.262	ng	#	100
59) Diethylphthalate	15.43	149	4583248	46.926	ng		99
60) 4-Chlorophenyl-phenylether	15.65	204	2119085	47.475	ng		96
61) 4-Nitroaniline	15.68	138	1118097	46.134	ng		84
62) Azobenzene	15.95	77	4560662	51.812	ng		92
64) 4,6-Dinitro-2-methylphenol	15.73	198	605716	56.054	ng		86
65) n-Nitrosodiphenylamine	15.86	169	3829200	46.639	ng		99
66) 4-Bromophenyl-phenylether	16.55	248	1286490	46.940	ng	#	92
67) Hexachlorobenzene	16.66	284	1389487	43.201	ng	#	87
68) Atrazine	16.82	200	1179424	49.014	ng		97
69) Pentachlorophenol	17.00	266	1819550	103.050	ng		99
70) Phenanthrene	17.40	178	7135469	49.174	ng		97
71) Anthracene	17.49	178	7139041	48.927	ng		99
72) Carbazole	17.76	167	6800828	48.365	ng		99
73) Di-n-butylphthalate	18.31	149	8095907	49.557	ng		100
74) Fluoranthene	19.40	202	8047957	48.607	ng		95
76) Benzidine	19.59	184	2017472	34.109	ng		100
77) Pyrene	19.76	202	8495084	46.259	ng		98
79) Butylbenzylphthalate	20.64	149	3869181	47.692	ng		90
80) Benzo(a)anthracene	21.50	228	8006292	47.766	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2598442	40.834	ng		100
82) Chrysene	21.56	228	7478270	47.336	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	5741165	48.270	ng		99
84) Di-n-octyl phthalate	22.33	149	9925966	49.506	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.34	276	7189225	48.784	ng	#	89
87) Benzo(b)fluoranthene	23.17	252	7844662	49.191	ng		98
88) Benzo(k)fluoranthene	23.23	252	7573015	49.530	ng		97
89) Benzo(a)pyrene	23.79	252	7234182	50.295	ng	#	97
90) Dibenzo(a,h)anthracene	26.36	278	5973848	48.530	ng		99
91) Benzo(g,h,i)perylene	27.10	276	5654099	47.528	ng		99

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

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