Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011007.D
Acq On : 27 Jul 2017 13:00
Operator : SJ/JU
Sample : I4419-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MS

Manual Integrations APPROVED
Sohil
7/28/2017 4:44:58 PM

Quant Time: Jul 28 03:17:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	218167	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	950273	20.00	ng		0.00
38) Acenaphthene-d10	14.04	164	749315	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	2103342	20.00	ng		0.00
75) Chrysene-d12	21.03	240	2657930	20.00	ng		0.00
86) Perylene-d12	23.14	264	2143492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1257406	97.43	ng		0.00
7) Phenol-d6	6.59	99	1841931	100.45	ng		0.00
23) Nitrobenzene-d5	8.54	82	1560166	61.62	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	1284773	106.98	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3489142	58.40	ng		0.00
78) Terphenyl-d14	19.47	244	7211389	53.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	118057	20.373	ng	#	100
3) Pyridine	3.40	79	352294	22.258	ng	#	88
4) n-Nitrosodimethylamine	3.32	42	237519	29.447	ng	#	65
6) Aniline	6.73	93	672823	29.113	ng		90
8) 2-Chlorophenol	6.96	128	388731	29.668	ng	#	77
9) Benzaldehyde	6.55	77	176575	14.883	ng	#	74
10) Phenol	6.62	94	673933	33.837	ng		98
11) bis(2-Chloroethyl)ether	6.84	93	440519	28.386	ng		95
12) 1,3-Dichlorobenzene	7.27	146	421512	26.396	ng	#	79
13) 1,4-Dichlorobenzene	7.42	146	436277	26.654	ng	#	91
14) 1,2-Dichlorobenzene	7.73	146	430841	27.530	ng	#	90
15) Benzyl Alcohol	7.63	79	581160	33.038	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.93	45	410077	29.365	ng		76
17) 2-Methylphenol	7.84	107	414120	32.533	ng	#	76
18) Hexachloroethane	8.45	117	192366	26.949	ng	#	81
19) n-Nitroso-di-n-propylamine	8.20	70	499842	32.077	ng	#	89
20) 3+4-Methylphenols	8.17	107	590331	33.362	ng	#	81
22) Acetophenone	8.20	105	808383	28.379	ng	#	92
24) Nitrobenzene	8.58	77	762202	29.051	ng	#	85
25) Isophorone	9.10	82	1324457	31.374	ng	#	86
26) 2-Nitrophenol	9.28	139	246255	29.498	ng	#	32
27) 2,4-Dimethylphenol	9.35	122	457677	31.143	ng	#	73
28) bis(2-Chloroethoxy)methane	9.59	93	718863	30.531	ng	#	98
29) 2,4-Dichlorophenol	9.80	162	525450	31.819	ng		94
30) 1,2,4-Trichlorobenzene	10.02	180	580338	28.422	ng		98
31) Naphthalene	10.20	128	1401512	29.317	ng		99
32) Benzoic acid	9.47	122	220134	18.636	ng	#	74
33) 4-Chloroaniline	10.32	127	597894	31.352	ng	#	74
34) Hexachlorobutadiene	10.49	225	441258	27.438	ng		99
35) Caprolactam	11.11	113	173948m	37.143	ng		
36) 4-Chloro-3-methylphenol	11.46	107	691402	32.424	ng	#	75
37) 2-Methylnaphthalene	11.82	142	1172176	33.378	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	833500	25.891	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1237360	65.962	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	561202	28.801	ng		97
43) 2,4,5-Trichlorophenol	12.53	196	624271	31.106	ng	#	88
45) 1,1'-Biphenyl	12.87	154	1701894	26.267	ng		96
46) 2-Chloronaphthalene	12.90	162	1342401	28.120	ng	#	92
47) 2-Nitroaniline	13.12	65	562094	33.283	ng	#	67
48) Acenaphthylene	13.76	152	2149763	30.175	ng		99
49) Dimethylphthalate	13.53	163	2389142	37.272	ng	#	98
50) 2,6-Dinitrotoluene	13.64	165	410859	31.696	ng	#	54
51) Acenaphthene	14.12	154	1320334	29.931	ng		98
52) 3-Nitroaniline	13.97	138	385888	34.306	ng	#	45
53) 2,4-Dinitrophenol	14.18	184	574410	62.353	ng	#	90
54) Dibenzofuran	14.45	168	2337017	32.696	ng	#	90
55) 4-Nitrophenol	14.30	139	662201	67.007	ng		94
56) 2,4-Dinitrotoluene	14.43	165	623519	34.264	ng		96
57) Fluorene	15.10	166	1964325	31.565	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.69	232	683249	36.322	ng	#	100
59) Diethylphthalate	14.91	149	2135379	32.619	ng		100
60) 4-Chlorophenyl-phenylether	15.11	204	1163277	30.960	ng		94
61) 4-Nitroaniline	15.14	138	416364	34.849	ng	#	1
62) Azobenzene	15.40	77	2520112	35.969	ng		88
64) 4,6-Dinitro-2-methylphenol	15.20	198	443510	31.147	ng		92
65) n-Nitrosodiphenylamine	15.33	169	1785744	29.666	ng		97
66) 4-Bromophenyl-phenylether	16.01	248	804123	29.739	ng	#	91
67) Hexachlorobenzene	16.11	284	853711	27.941	ng	#	86
68) Atrazine	16.30	200	760892	31.543	ng		97
69) Pentachlorophenol	16.46	266	1155097	59.547	ng		96
70) Phenanthrene	16.84	178	3524389	32.001	ng		99
71) Anthracene	16.94	178	3541496	32.242	ng		99
72) Carbazole	17.22	167	3126826	32.551	ng		99
73) Di-n-butylphthalate	17.80	149	3703905	31.663	ng	#	96
74) Fluoranthene	18.88	202	4737339	34.710	ng		98
76) Benzidine	19.09	184	1672468	26.303	ng		99
77) Pyrene	19.24	202	4659543	29.504	ng		100
79) Butylbenzylphthalate	20.18	149	1824809	32.493	ng	#	70
80) Benzo(a)anthracene	21.01	228	4814726	31.725	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	1810317	30.406	ng	#	96
82) Chrysene	21.06	228	4501535	30.900	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2559737	30.983	ng	#	99
84) Di-n-octyl phthalate	21.82	149	4154275	30.981	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3736059	24.762	ng	#	97
87) Benzo(b)fluoranthene	22.52	252	4557128	33.125	ng	#	93
88) Benzo(k)fluoranthene	22.56	252	4127436	31.302	ng	#	95
89) Benzo(a)pyrene	23.04	252	3953178	31.756	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	3103170	26.890	ng	#	90
91) Benzo(g,h,i)perylene	25.84	276	2946020	25.998	ng	#	85

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

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