Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
Data File : BM011272.D
Acq On : 17 Aug 2017 18:29
Operator : SJ/JU
Sample : I4799-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AU-05-081417-AMS

Manual Integrations APPROVED
Sohil
8/18/2017 7:05:18 PM

Quant Time: Aug 18 10:32:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	96711	20.00	ng		-0.01
21) Naphthalene-d8	10.03	136	386694	20.00	ng		-0.01
38) Acenaphthene-d10	13.94	164	300451	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	891623	20.00	ng		-0.01
75) Chrysene-d12	20.93	240	1148749	20.00	ng		-0.02
86) Perylene-d12	23.00	264	891389	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	681471	119.12	ng		-0.01
7) Phenol-d6	6.48	99	919083	113.07	ng		-0.01
23) Nitrobenzene-d5	8.42	82	972073	94.35	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	615312	127.77	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	1792016	74.80	ng		-0.01
78) Terphenyl-d14	19.37	244	3953660	68.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	103195	40.174	ng	#	100
3) Pyridine	3.30	79	271752	38.731	ng	#	86
4) n-Nitrosodimethylamine	3.21	42	194522	54.403	ng	#	62
6) Aniline	6.63	93	208529	20.355	ng		92
8) 2-Chlorophenol	6.85	128	212005	36.500	ng	#	67
9) Benzaldehyde	6.43	77	84153	16.001	ng	#	69
10) Phenol	6.51	94	322061	36.478	ng		85
11) bis(2-Chloroethyl)ether	6.73	93	285292	41.471	ng		83
12) 1,3-Dichlorobenzene	7.16	146	246001	34.752	ng	#	70
13) 1,4-Dichlorobenzene	7.31	146	259285	35.734	ng	#	89
14) 1,2-Dichlorobenzene	7.62	146	252211	36.355	ng	#	89
15) Benzyl Alcohol	7.53	79	356612	45.732	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.82	45	280910	45.379	ng		79
17) 2-Methylphenol	7.73	107	221693	39.289	ng	#	69
18) Hexachloroethane	8.33	117	131139	41.443	ng	#	83
19) n-Nitroso-di-n-propylamine	8.09	70	332710	48.166	ng	#	88
20) 3+4-Methylphenols	8.06	107	299241	38.150	ng	#	73
22) Acetophenone	8.09	105	470380	40.580	ng	#	86
24) Nitrobenzene	8.46	77	512789	48.030	ng	#	76
25) Isophorone	8.99	82	783773	45.625	ng	#	82
26) 2-Nitrophenol	9.16	139	127431	37.511	ng	#	1
27) 2,4-Dimethylphenol	9.25	122	233563	39.056	ng	#	69
28) bis(2-Chloroethoxy)methane	9.47	93	398761	41.619	ng	#	97
29) 2,4-Dichlorophenol	9.70	162	264825	39.408	ng		97
30) 1,2,4-Trichlorobenzene	9.90	180	326607	39.308	ng		98
31) Naphthalene	10.08	128	757519	38.940	ng		99
32) Benzoic acid	9.39	122	141899	29.520	ng	#	51
33) 4-Chloroaniline	10.23	127	153357	19.762	ng	#	55
34) Hexachlorobutadiene	10.37	225	271261	41.450	ng		95
35) Caprolactam	11.02	113	71466m	37.501	ng		
36) 4-Chloro-3-methylphenol	11.35	107	365795	42.156	ng	#	70
37) 2-Methylnaphthalene	11.70	142	589391	41.243	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	463921	35.940	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	705869	93.846	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	294704	37.720	ng		96
43) 2,4,5-Trichlorophenol	12.42	196	312635	38.851	ng	#	82
45) 1,1'-Biphenyl	12.76	154	889392	34.234	ng		95
46) 2-Chloronaphthalene	12.79	162	697405	36.434	ng	#	92
47) 2-Nitroaniline	13.02	65	349651	51.634	ng	#	56
48) Acenaphthylene	13.66	152	1078015	37.737	ng		99
49) Dimethylphthalate	13.42	163	996200	38.759	ng	#	98
50) 2,6-Dinitrotoluene	13.54	165	216129	41.583	ng	#	43
51) Acenaphthene	14.00	154	690736	39.052	ng		98
52) 3-Nitroaniline	13.87	138	153314	33.992	ng	#	13
53) 2,4-Dinitrophenol	14.08	184	318589	86.249	ng	#	67
54) Dibenzofuran	14.35	168	1230215	42.925	ng	#	90
55) 4-Nitrophenol	14.20	139	248619	62.741	ng	#	74
56) 2,4-Dinitrotoluene	14.33	165	319042	43.725	ng	#	65
57) Fluorene	15.00	166	1031856	41.352	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.59	232	361531	47.932	ng	#	100
59) Diethylphthalate	14.81	149	1062800	40.489	ng		97
60) 4-Chlorophenyl-phenylether	15.01	204	631914	41.944	ng		99
61) 4-Nitroaniline	15.05	138	136165	28.423	ng	#	1
62) Azobenzene	15.30	77	1574371	56.042	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	226254	37.483	ng		89
65) n-Nitrosodiphenylamine	15.23	169	804226	31.517	ng		98
66) 4-Bromophenyl-phenylether	15.91	248	428289	37.365	ng	#	88
67) Hexachlorobenzene	16.01	284	442362	34.153	ng	#	86
68) Atrazine	16.21	200	167639	16.394	ng		92
69) Pentachlorophenol	16.36	266	608517	74.002	ng		96
70) Phenanthrene	16.74	178	1888318	40.446	ng		99
71) Anthracene	16.83	178	1908136	40.981	ng		99
72) Carbazole	17.12	167	1208463	29.677	ng		100
73) Di-n-butylphthalate	17.70	149	1946750	39.259	ng	#	96
74) Fluoranthene	18.78	202	2575363	44.513	ng		99
76) Benzidine	19.16	184	96424m	3.509	ng		
77) Pyrene	19.14	202	2686695	39.361	ng		99
79) Butylbenzylphthalate	20.09	149	931908	38.394	ng	#	59
80) Benzo(a)anthracene	20.92	228	2682716	40.900	ng		99
81) 3,3'-Dichlorobenzidine	20.87	252	230425	8.955	ng	#	97
82) Chrysene	20.97	228	2544234	40.409	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1315062	36.829	ng		99
84) Di-n-octyl phthalate	21.73	149	2148030	37.065	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.01	276	2643157	40.534	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2650369	46.326	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2466011	44.972	ng	#	94
89) Benzo(a)pyrene	22.91	252	2393820	46.241	ng	#	95
90) Dibenzo(a,h)anthracene	25.03	278	2208044	46.010	ng	#	89
91) Benzo(g,h,i)perylene	25.62	276	2145560	45.530	ng	#	84

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

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