Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
Data File : BM011273.D
Acq On : 17 Aug 2017 19:05
Operator : SJ/JU
Sample : I4799-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/18/2017 7:05:21 PM

Quant Time: Aug 18 10:33:46 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	126446	20.00	ng		-0.01
21) Naphthalene-d8	10.03	136	467502	20.00	ng		-0.02
38) Acenaphthene-d10	13.95	164	361883	20.00	ng		-0.01
63) Phenanthrene-d10	16.70	188	998617	20.00	ng		-0.01
75) Chrysene-d12	20.93	240	1284865	20.00	ng		-0.02
86) Perylene-d12	23.00	264	731626	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	993526	132.82	ng		0.00
7) Phenol-d6	6.49	99	1344609	126.52	ng		0.00
23) Nitrobenzene-d5	8.42	82	1368930	109.90	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	832644	143.55	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	2470534	85.62	ng		-0.01
78) Terphenyl-d14	19.37	244	5256002	81.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	141506	42.134	ng	#	100
3) Pyridine	3.30	79	377876	41.192	ng	#	86
4) n-Nitrosodimethylamine	3.21	42	262950	56.247	ng	#	62
6) Aniline	6.63	93	264580	19.753	ng		90
8) 2-Chlorophenol	6.85	128	307756	40.525	ng	#	67
9) Benzaldehyde	6.44	77	115101	16.738	ng	#	71
10) Phenol	6.51	94	469088	40.637	ng		85
11) bis(2-Chloroethyl)ether	6.73	93	432044	48.035	ng		87
12) 1,3-Dichlorobenzene	7.16	146	345562	37.337	ng	#	67
13) 1,4-Dichlorobenzene	7.31	146	354968	37.417	ng	#	90
14) 1,2-Dichlorobenzene	7.62	146	358875	39.565	ng	#	88
15) Benzyl Alcohol	7.53	79	473811	46.473	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.82	45	403841	49.896	ng		72
17) 2-Methylphenol	7.73	107	326168	44.211	ng	#	68
18) Hexachloroethane	8.33	117	169569	40.987	ng	#	81
19) n-Nitroso-di-n-propylamine	8.09	70	453698	50.236	ng	#	89
20) 3+4-Methylphenols	8.06	107	430267	41.955	ng	#	75
22) Acetophenone	8.09	105	653418	46.627	ng	#	86
24) Nitrobenzene	8.46	77	698122	54.086	ng	#	80
25) Isophorone	8.99	82	1092916	52.624	ng	#	83
26) 2-Nitrophenol	9.16	139	180805	44.023	ng	#	1
27) 2,4-Dimethylphenol	9.25	122	321132	44.417	ng	#	61
28) bis(2-Chloroethoxy)methane	9.48	93	553323	47.768	ng	#	96
29) 2,4-Dichlorophenol	9.70	162	366320	45.089	ng		85
30) 1,2,4-Trichlorobenzene	9.90	180	455042	45.299	ng		94
31) Naphthalene	10.08	128	1046107	44.480	ng		98
32) Benzoic acid	9.40	122	210356	36.197	ng	#	37
33) 4-Chloroaniline	10.23	127	202799	21.616	ng	#	65
34) Hexachlorobutadiene	10.37	225	377488	47.712	ng		98
35) Caprolactam	11.00	113	99130m	43.026	ng		
36) 4-Chloro-3-methylphenol	11.35	107	488520	46.568	ng	#	68
37) 2-Methylnaphthalene	11.70	142	817455	47.315	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	632773	40.699	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	952516	105.140	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	398632	42.360	ng		99
43) 2,4,5-Trichlorophenol	12.43	196	426253	43.979	ng	#	85
45) 1,1'-Biphenyl	12.76	154	1204135	38.481	ng		95
46) 2-Chloronaphthalene	12.80	162	961358	41.698	ng		95
47) 2-Nitroaniline	13.02	65	473517	58.055	ng	#	57
48) Acenaphthylene	13.66	152	1459850	42.429	ng		99
49) Dimethylphthalate	13.42	163	1308598	42.271	ng	#	99
50) 2,6-Dinitrotoluene	13.54	165	284477	45.442	ng	#	39
51) Acenaphthene	14.01	154	914904	42.945	ng		97
52) 3-Nitroaniline	13.87	138	194501	35.804	ng	#	29
53) 2,4-Dinitrophenol	14.08	184	416917	93.709	ng	#	68
54) Dibenzofuran	14.35	168	1617570	46.859	ng	#	89
55) 4-Nitrophenol	14.20	139	345791	72.450	ng	#	78
56) 2,4-Dinitrotoluene	14.34	165	419732	47.759	ng	#	63
57) Fluorene	15.00	166	1333744	44.377	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.59	232	466637	51.365	ng	#	100
59) Diethylphthalate	14.81	149	1417533	44.836	ng		98
60) 4-Chlorophenyl-phenylether	15.01	204	806235	44.431	ng		96
61) 4-Nitroaniline	15.04	138	173349	30.042	ng	#	1
62) Azobenzene	15.30	77	1994722	58.951	ng		85
64) 4,6-Dinitro-2-methylphenol	15.10	198	296208	43.815	ng		90
65) n-Nitrosodiphenylamine	15.23	169	923438	32.312	ng		97
66) 4-Bromophenyl-phenylether	15.91	248	560573	43.666	ng	#	88
67) Hexachlorobenzene	16.01	284	572704	39.479	ng	#	86
68) Atrazine	16.22	200	123381	10.773	ng		97
69) Pentachlorophenol	16.36	266	792518	86.052	ng		99
70) Phenanthrene	16.74	178	2474830	47.329	ng		100
71) Anthracene	16.83	178	2478677	47.530	ng		98
72) Carbazole	17.12	167	1233566	27.048	ng		99
73) Di-n-butylphthalate	17.70	149	2534034	45.627	ng	#	96
74) Fluoranthene	18.78	202	3354595	51.769	ng		98
76) Benzidine	19.12	184	121785m	3.962	ng		
77) Pyrene	19.14	202	3482552	45.616	ng		99
79) Butylbenzylphthalate	20.09	149	1210104	44.574	ng	#	57
80) Benzo(a)anthracene	20.92	228	3454472	47.086	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	178588	6.205	ng	#	97
82) Chrysene	20.97	228	3239137	45.995	ng		100
83) Bis(2-ethylhexyl)phthalate	20.88	149	1723029	43.142	ng		99
84) Di-n-octyl phthalate	21.73	149	2801041	43.212	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	3069601	42.087	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	3333325	70.987	ng	#	90
88) Benzo(k)fluoranthene	22.43	252	3000601	66.671	ng	#	95
89) Benzo(a)pyrene	22.91	252	2873978	67.640	ng	#	95
90) Dibenzo(a,h)anthracene	25.03	278	2680132	68.042	ng	#	90
91) Benzo(g,h,i)perylene	25.62	276	2547906	65.874	ng	#	83

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

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