Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011111.D
Acq On : 03 Aug 2017 05:30
Operator : SJ/JU
Sample : I4534-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11938MSD

Manual Integrations APPROVED
Sohil
8/3/2017 6:22:41 PM

Quant Time: Aug 03 15:15:01 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	7.38	152	230146	20.00	ng		-0.01
21) Naphthalene-d8	10.14	136	958641	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	671647	20.00	ng		-0.01
63) Phenanthrene-d10	16.79	188	1540804	20.00	ng		-0.02
75) Chrysene-d12	21.01	240	1320466	20.00	ng		-0.01
86) Perylene-d12	23.12	264	1122466	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1777488	130.56	ng		0.00
7) Phenol-d6	6.59	99	2456649	127.00	ng		0.00
23) Nitrobenzene-d5	8.53	82	2281225	89.31	ng		-0.01
41) 2,4,6-Tribromophenol	15.54	330	1370344	127.30	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	4701492	87.79	ng		-0.01
78) Terphenyl-d14	19.46	244	6042537	90.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	200674	32.828	ng	#	100
3) Pyridine	3.42	79	493768	29.572	ng		88
4) n-Nitrosodimethylamine	3.33	42	351954	41.363	ng	#	71
6) Aniline	6.73	93	765236	31.388	ng		90
8) 2-Chlorophenol	6.96	128	560992	40.586	ng	#	79
9) Benzaldehyde	6.54	77	367215	29.340	ng		81
10) Phenol	6.61	94	831191	39.561	ng		99
11) bis(2-Chloroethyl)ether	6.83	93	666112	40.689	ng		92
12) 1,3-Dichlorobenzene	7.27	146	618999	36.746	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	651455	37.728	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	621460	37.643	ng	#	87
15) Benzyl Alcohol	7.63	79	874637	47.133	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.90	45	654951	44.460	ng		84
17) 2-Methylphenol	7.83	107	584504	43.529	ng	#	76
18) Hexachloroethane	8.43	117	276364	36.701	ng	#	86
19) n-Nitroso-di-n-propylamine	8.19	70	750667	45.667	ng	#	92
20) 3+4-Methylphenols	8.16	107	798899	42.800	ng	#	81
22) Acetophenone	8.20	105	1172956	40.818	ng	#	92
24) Nitrobenzene	8.57	77	1128466	42.635	ng	#	85
25) Isophorone	9.09	82	1891229	44.408	ng	#	83
26) 2-Nitrophenol	9.27	139	339571	40.321	ng	#	19
27) 2,4-Dimethylphenol	9.35	122	623212	42.037	ng	#	70
28) bis(2-Chloroethoxy)methane	9.58	93	1041829	43.862	ng		96
29) 2,4-Dichlorophenol	9.80	162	695592	41.754	ng		94
30) 1,2,4-Trichlorobenzene	10.00	180	814499	39.542	ng		97
31) Naphthalene	10.19	128	1930893	40.038	ng		99
32) Benzoic acid	9.50	122	404752	33.965	ng	#	55
33) 4-Chloroaniline	10.32	127	336027	17.466	ng	#	77
34) Hexachlorobutadiene	10.47	225	627688	38.689	ng		95
35) Caprolactam	11.10	113	159214m	33.700	ng		
36) 4-Chloro-3-methylphenol	11.45	107	875286	40.689	ng	#	74
37) 2-Methylnaphthalene	11.81	142	1556566	43.936	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1125968	39.020	ng	#	100
40) Hexachlorocyclopentadiene	12.17	237	1733747	103.112	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	718839	41.157	ng		96
43) 2,4,5-Trichlorophenol	12.52	196	761120	42.311	ng	#	88
45) 1,1'-Biphenyl	12.86	154	2251978	38.776	ng		97
46) 2-Chloronaphthalene	12.89	162	1759832	41.127	ng	#	91
47) 2-Nitroaniline	13.12	65	708615	46.810	ng	#	67
48) Acenaphthylene	13.76	152	2656824	41.605	ng		99
49) Dimethylphthalate	13.52	163	2354052	40.971	ng	#	98
50) 2,6-Dinitrotoluene	13.63	165	490184	42.189	ng	#	64
51) Acenaphthene	14.10	154	1632438	41.285	ng		97
52) 3-Nitroaniline	13.96	138	383135	38.000	ng	#	33
53) 2,4-Dinitrophenol	14.17	184	658660	79.766	ng	#	87
54) Dibenzofuran	14.44	168	2864755	44.715	ng		91
55) 4-Nitrophenol	14.29	139	574313	64.834	ng		94
56) 2,4-Dinitrotoluene	14.43	165	667196	40.904	ng		85
57) Fluorene	15.10	166	2280776	40.888	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.67	232	755988	44.836	ng	#	100
59) Diethylphthalate	14.90	149	2360174	40.222	ng		98
60) 4-Chlorophenyl-phenylether	15.10	204	1411069	41.898	ng		99
61) 4-Nitroaniline	15.13	138	396206	36.996	ng	#	1
62) Azobenzene	15.40	77	3039202	48.394	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	434587	41.663	ng		93
65) n-Nitrosodiphenylamine	15.32	169	1965764	44.580	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	914730	46.180	ng	#	90
67) Hexachlorobenzene	16.10	284	921881	41.187	ng	#	85
68) Atrazine	16.29	200	709716	40.163	ng		93
69) Pentachlorophenol	16.45	266	1141963	80.363	ng		97
70) Phenanthrene	16.84	178	3567950	44.224	ng		99
71) Anthracene	16.93	178	3588065	44.593	ng		99
72) Carbazole	17.20	167	2776201	39.453	ng		99
73) Di-n-butylphthalate	17.79	149	3445199	40.205	ng	#	96
74) Fluoranthene	18.87	202	3932057	39.328	ng		98
76) Benzidine	19.07	184	724480	22.934	ng	#	96
77) Pyrene	19.23	202	3930494	50.095	ng		99
79) Butylbenzylphthalate	20.17	149	1288974	46.199	ng	#	68
80) Benzo(a)anthracene	21.00	228	3292540	43.669	ng		100
81) 3,3'-Dichlorobenzidine	20.94	252	993546	33.590	ng	#	98
82) Chrysene	21.05	228	3080033	42.557	ng		99
83) Bis(2-ethylhexyl)phthalate	20.96	149	1798385	43.815	ng	#	98
84) Di-n-octyl phthalate	21.81	149	2614501	39.247	ng	#	97
85) Indeno(1,2,3-cd)pyrene	25.20	276	3554527	47.422	ng	#	96
87) Benzo(b)fluoranthene	22.50	252	2999161	41.631	ng	#	92
88) Benzo(k)fluoranthene	22.54	252	2954103	42.783	ng	#	95
89) Benzo(a)pyrene	23.03	252	2904195	44.551	ng	#	96
90) Dibenzo(a,h)anthracene	25.21	278	2940742	48.662	ng	#	90
91) Benzo(g,h,i)perylene	25.83	276	2939905	49.543	ng	#	85

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

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