Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009518.D
Acq On : 04 Apr 2017 01:53
Operator : SJ/MA
Sample : I2507-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:27 PM

Quant Time: Apr 04 03:56:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	126562	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	480627	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	291598	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	707786	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	927915	20.00	ng		-0.01
86) Perylene-d12	23.74	264	857366	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1214503	159.95	ng		-0.01
7) Phenol-d6	7.01	99	1724546	166.55	ng		-0.01
23) Nitrobenzene-d5	9.01	82	1249393	97.47	ng		-0.02
41) 2,4,6-Tribromophenol	15.99	330	636925	175.82	ng		-0.01
44) 2-Fluorobiphenyl	13.10	172	2247949	92.89	ng		-0.02
78) Terphenyl-d14	19.86	244	3611365	81.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	132447	34.69	ng	#	100
3) Pyridine	3.76	79	65577	6.08	ng	#	78
4) n-Nitrosodimethylamine	3.67	42	273582	47.63	ng	#	72
6) Aniline	7.18	93	321998	22.88	ng		90
8) 2-Chlorophenol	7.41	128	424243	55.11	ng	#	80
9) Benzaldehyde	6.99	77	351942	43.18	ng		83
10) Phenol	7.03	94	642531	57.27	ng		91
11) bis(2-Chloroethyl)ether	7.27	93	460134	50.04	ng		84
12) 1,3-Dichlorobenzene	7.73	146	445120	48.29	ng	#	88
13) 1,4-Dichlorobenzene	7.88	146	448575	47.10	ng	#	94
14) 1,2-Dichlorobenzene	8.20	146	444386	48.05	ng	#	93
15) Benzyl Alcohol	8.09	79	506689	55.97	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	752032	47.05	ng		95
17) 2-Methylphenol	8.28	107	402121	54.78	ng	#	86
18) Hexachloroethane	8.92	117	184546	47.37	ng		90
19) n-Nitroso-di-n-propylamine	8.65	70	442433	53.00	ng		91
20) 3+4-Methylphenols	8.61	107	532538	53.36	ng		88
22) Acetophenone	8.67	105	716469	52.86	ng	#	90
24) Nitrobenzene	9.05	77	644903	51.35	ng		92
25) Isophorone	9.57	82	1098422	56.17	ng	#	88
26) 2-Nitrophenol	9.76	139	221112	58.38	ng	#	45
27) 2,4-Dimethylphenol	9.81	122	395263	57.05	ng	#	83
28) bis(2-Chloroethoxy)methane	10.05	93	634705	52.42	ng		99
29) 2,4-Dichlorophenol	10.29	162	420670	58.07	ng		96
30) 1,2,4-Trichlorobenzene	10.50	180	458290	50.99	ng		99
31) Naphthalene	10.69	128	1285670	50.40	ng		100
32) Benzoic acid	9.92	122	86529	19.95	ng	#	63
33) 4-Chloroaniline	10.81	127	313285	31.84	ng	#	85
34) Hexachlorobutadiene	10.96	225	288770	46.92	ng		95
35) Caprolactam	11.60	113	116530m	52.69	ng		
36) 4-Chloro-3-methylphenol	11.93	107	490122	59.80	ng	#	80
37) 2-Methylnaphthalene	12.30	142	961708	54.61	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	534704	48.57	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	645285	102.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	366254	58.18	ng		98
43) 2,4,5-Trichlorophenol	12.99	196	390881	55.65	ng	#	89
45) 1,1'-Biphenyl	13.32	154	1230666	50.71	ng		97
46) 2-Chloronaphthalene	13.36	162	986161	52.32	ng		97
47) 2-Nitroaniline	13.57	65	400679	57.69	ng	#	72
48) Acenaphthylene	14.21	152	1588650	51.74	ng		99
49) Dimethylphthalate	13.95	163	1445912	64.58	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	272960	56.58	ng	#	69
51) Acenaphthene	14.56	154	961102	51.88	ng		99
52) 3-Nitroaniline	14.40	138	228548	48.08	ng	#	58
53) 2,4-Dinitrophenol	14.61	184	279009	85.35	ng		93
54) Dibenzofuran	14.89	168	1537447	56.12	ng		93
55) 4-Nitrophenol	14.71	139	469779	119.57	ng	#	19
56) 2,4-Dinitrotoluene	14.86	165	392790	60.18	ng	#	96
57) Fluorene	15.54	166	1282824	52.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.11	232	368207	61.98	ng	#	100
59) Diethylphthalate	15.31	149	1284393	56.55	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	659132	51.26	ng		95
61) 4-Nitroaniline	15.57	138	302667	58.62	ng	#	35
62) Azobenzene	15.82	77	1603667	60.48	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	228488	51.24	ng		89
65) n-Nitrosodiphenylamine	15.75	169	1056014	49.12	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	407528	49.69	ng	#	90
67) Hexachlorobenzene	16.54	284	439274	48.87	ng	#	90
68) Atrazine	16.70	200	406388	50.26	ng		97
69) Pentachlorophenol	16.89	266	570235	103.85	ng		98
70) Phenanthrene	17.28	178	2021351	49.94	ng		99
71) Anthracene	17.37	178	2109762	51.49	ng		100
72) Carbazole	17.64	167	1955721	49.84	ng		98
73) Di-n-butylphthalate	18.19	149	2220249	55.39	ng	#	98
74) Fluoranthene	19.30	202	2499060	52.13	ng		98
77) Pyrene	19.66	202	2583472	49.09	ng		99
79) Butylbenzylphthalate	20.54	149	1069653	56.44	ng	#	77
80) Benzo(a)anthracene	21.40	228	2721271	50.21	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	768985	37.89	ng	#	98
82) Chrysene	21.46	228	2473327	47.80	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1579652	55.86	ng		98
84) Di-n-octyl phthalate	22.22	149	2753026	58.50	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2909049	51.55	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	2678269	49.28	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2644538m	50.60	ng		
89) Benzo(a)pyrene	23.64	252	2554433	50.76	ng		97
90) Dibenzo(a,h)anthracene	26.12	278	2478272	50.27	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2339907	48.69	ng	#	92

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

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