Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009504.D
Acq On : 03 Apr 2017 17:29
Operator : SJ/MA
Sample : I2488-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-COMP-13MS

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:18 PM

Quant Time: Apr 04 03:29:14 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	107131	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	423020	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	253921	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	620826	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	853592	20.00	ng		-0.01
86) Perylene-d12	23.74	264	819611	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	852391	132.62	ng		-0.01
7) Phenol-d6	7.01	99	1112442	126.93	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1010471	89.56	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	485736	153.98	ng		-0.01
44) 2-Fluorobiphenyl	13.10	172	1838455	87.24	ng		-0.02
78) Terphenyl-d14	19.86	244	3174303	77.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	109726	33.95	ng	#	100
3) Pyridine	3.76	79	327593	35.87	ng	#	79
4) n-Nitrosodimethylamine	3.67	42	219544	45.15	ng	#	64
6) Aniline	7.18	93	230043	19.31	ng	#	87
8) 2-Chlorophenol	7.41	128	306337	47.01	ng	#	80
9) Benzaldehyde	6.99	77	257308	37.30	ng		83
10) Phenol	7.03	94	390116	41.08	ng		91
11) bis(2-Chloroethyl)ether	7.27	93	350864	45.07	ng		83
12) 1,3-Dichlorobenzene	7.73	146	319183	40.91	ng	#	89
13) 1,4-Dichlorobenzene	7.88	146	333365	41.35	ng	#	92
14) 1,2-Dichlorobenzene	8.20	146	329708	42.12	ng	#	92
15) Benzyl Alcohol	8.09	79	390178	50.92	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	590659	43.66	ng		94
17) 2-Methylphenol	8.28	107	280194	45.09	ng	#	84
18) Hexachloroethane	8.92	117	138805	42.09	ng		90
19) n-Nitroso-di-n-propylamine	8.65	70	334322	47.32	ng	#	90
20) 3+4-Methylphenols	8.61	107	362856	42.95	ng		91
22) Acetophenone	8.67	105	547008	45.85	ng	#	91
24) Nitrobenzene	9.06	77	508095	45.97	ng		91
25) Isophorone	9.57	82	848826	49.32	ng	#	88
26) 2-Nitrophenol	9.76	139	150055	45.01	ng	#	37
27) 2,4-Dimethylphenol	9.81	122	285825	46.87	ng	#	75
28) bis(2-Chloroethoxy)methane	10.05	93	493222	46.28	ng		100
29) 2,4-Dichlorophenol	10.29	162	299483	46.97	ng		89
30) 1,2,4-Trichlorobenzene	10.50	180	358077	45.27	ng		94
31) Naphthalene	10.69	128	1051492	46.83	ng		99
32) Benzoic acid	9.93	122	121698	29.56	ng	#	69
33) 4-Chloroaniline	10.82	127	47131	5.44	ng	#	76
34) Hexachlorobutadiene	10.96	225	232262	42.88	ng		96
35) Caprolactam	11.59	113	80975m	41.60	ng		
36) 4-Chloro-3-methylphenol	11.93	107	348954	48.38	ng	#	82
37) 2-Methylnaphthalene	12.30	142	751969	48.52	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	422516	44.07	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	463117	84.17	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	266106	48.55	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	270680	44.26	ng	#	87
45) 1,1'-Biphenyl	13.32	154	989553	46.82	ng		97
46) 2-Chloronaphthalene	13.36	162	783493	47.73	ng		95
47) 2-Nitroaniline	13.57	65	317846	52.56	ng	#	71
48) Acenaphthylene	14.22	152	1245571	46.59	ng		99
49) Dimethylphthalate	13.95	163	999439	51.26	ng		99
50) 2,6-Dinitrotoluene	14.07	165	215382	51.27	ng	#	69
51) Acenaphthene	14.56	154	782079	48.48	ng		98
52) 3-Nitroaniline	14.40	138	66646	16.10	ng	#	38
53) 2,4-Dinitrophenol	14.62	184	188338	67.39	ng		98
54) Dibenzofuran	14.89	168	1254133	52.57	ng		93
55) 4-Nitrophenol	14.70	139	315684	92.27	ng	#	13
56) 2,4-Dinitrotoluene	14.86	165	310201	54.57	ng	#	99
57) Fluorene	15.54	166	1040309	48.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	264989	51.23	ng	#	100
59) Diethylphthalate	15.31	149	1109605	56.10	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	544923	48.67	ng		95
61) 4-Nitroaniline	15.57	138	230000	51.16	ng	#	32
62) Azobenzene	15.83	77	1327784	57.51	ng		86
64) 4,6-Dinitro-2-methylphenol	15.62	198	151402	38.71	ng		87
65) n-Nitrosodiphenylamine	15.75	169	884828	46.92	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	336986	46.85	ng	#	89
67) Hexachlorobenzene	16.54	284	372368	47.23	ng	#	92
68) Atrazine	16.70	200	333236	46.98	ng		98
69) Pentachlorophenol	16.89	266	405095	84.11	ng		97
70) Phenanthrene	17.28	178	1696560	47.79	ng		100
71) Anthracene	17.37	178	1720566	47.87	ng		99
72) Carbazole	17.64	167	1587381	46.12	ng		98
73) Di-n-butylphthalate	18.19	149	1862794	52.98	ng	#	98
74) Fluoranthene	19.30	202	2107795	50.13	ng		98
76) Benzidine	19.49	184	599499	23.57	ng		99
77) Pyrene	19.66	202	2205171	45.55	ng		99
79) Butylbenzylphthalate	20.54	149	902874	51.79	ng	#	74
80) Benzo(a)anthracene	21.40	228	2408261	48.31	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	382256	20.48	ng	#	97
82) Chrysene	21.46	228	2184332	45.89	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1322822	50.85	ng		98
84) Di-n-octyl phthalate	22.21	149	2390892	55.23	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2695543	51.92	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2419602	46.57	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2415533	48.35	ng	#	97
89) Benzo(a)pyrene	23.64	252	2333796	48.51	ng		100
90) Dibenzo(a,h)anthracene	26.12	278	2270500	48.17	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2172319	47.28	ng	#	92

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

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