Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009505.D
Acq On : 03 Apr 2017 18:05
Operator : SJ/MA
Sample : I2488-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:21 PM

Quant Time: Apr 04 03:30:17 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	118625	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	483750	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	287031	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	679284	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	918774	20.00	ng		-0.01
86) Perylene-d12	23.74	264	842470	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1007928	141.63	ng		-0.01
7) Phenol-d6	7.01	99	1371708	141.34	ng		-0.01
23) Nitrobenzene-d5	9.01	82	1116929	86.57	ng		-0.02
41) 2,4,6-Tribromophenol	15.99	330	576334	161.63	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2039748	85.63	ng		-0.01
78) Terphenyl-d14	19.86	244	3498396	79.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	114707	32.05	ng	#	100
3) Pyridine	3.76	79	284105	28.09	ng	#	85
4) n-Nitrosodimethylamine	3.67	42	233326	43.34	ng	#	63
6) Aniline	7.18	93	341231	25.87	ng		91
8) 2-Chlorophenol	7.41	128	359226	49.78	ng	#	81
9) Benzaldehyde	6.99	77	261897	34.29	ng		86
10) Phenol	7.04	94	476232	45.29	ng		87
11) bis(2-Chloroethyl)ether	7.27	93	393384	45.64	ng		87
12) 1,3-Dichlorobenzene	7.73	146	349398	40.44	ng	#	87
13) 1,4-Dichlorobenzene	7.88	146	364120	40.79	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	364105	42.00	ng		93
15) Benzyl Alcohol	8.09	79	440551	51.92	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	657146	43.86	ng		95
17) 2-Methylphenol	8.28	107	332811	48.37	ng	#	86
18) Hexachloroethane	8.92	117	149141	40.84	ng		93
19) n-Nitroso-di-n-propylamine	8.65	70	391578	50.05	ng		93
20) 3+4-Methylphenols	8.61	107	447744	47.86	ng		92
22) Acetophenone	8.67	105	625839	45.87	ng	#	88
24) Nitrobenzene	9.06	77	571509	45.21	ng		92
25) Isophorone	9.57	82	968771	49.22	ng	#	88
26) 2-Nitrophenol	9.76	139	190108	49.87	ng	#	47
27) 2,4-Dimethylphenol	9.82	122	348867	50.02	ng	#	82
28) bis(2-Chloroethoxy)methane	10.05	93	556210	45.64	ng		99
29) 2,4-Dichlorophenol	10.29	162	361906	49.64	ng		94
30) 1,2,4-Trichlorobenzene	10.50	180	394902	43.65	ng		97
31) Naphthalene	10.69	128	1158705	45.13	ng		99
32) Benzoic acid	9.93	122	158796	33.16	ng	#	69
33) 4-Chloroaniline	10.81	127	170587	17.22	ng	#	79
34) Hexachlorobutadiene	10.96	225	251615	40.62	ng		97
35) Caprolactam	11.60	113	95647m	42.97	ng		
36) 4-Chloro-3-methylphenol	11.93	107	421083	51.05	ng	#	81
37) 2-Methylnaphthalene	12.30	142	839379	47.36	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	467394	43.13	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	509308	81.89	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	313653	50.62	ng		97
43) 2,4,5-Trichlorophenol	12.98	196	327619	47.39	ng	#	85
45) 1,1'-Biphenyl	13.32	154	1123940	47.05	ng		98
46) 2-Chloronaphthalene	13.36	162	883836	47.63	ng		95
47) 2-Nitroaniline	13.57	65	362307	53.00	ng	#	66
48) Acenaphthylene	14.21	152	1417712	46.91	ng		99
49) Dimethylphthalate	13.94	163	1131936	51.36	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	238363	50.19	ng	#	69
51) Acenaphthene	14.56	154	868242	47.62	ng		99
52) 3-Nitroaniline	14.40	138	171815	36.72	ng	#	60
53) 2,4-Dinitrophenol	14.61	184	192075	61.34	ng		92
54) Dibenzofuran	14.89	168	1427154	52.92	ng		97
55) 4-Nitrophenol	14.70	139	382777	98.98	ng	#	14
56) 2,4-Dinitrotoluene	14.86	165	355469	55.32	ng	#	93
57) Fluorene	15.54	166	1164080	48.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	313697	53.65	ng	#	100
59) Diethylphthalate	15.31	149	1178828	52.73	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	600380	47.44	ng		100
61) 4-Nitroaniline	15.57	138	268224	52.78	ng	#	35
62) Azobenzene	15.83	77	1489316	57.06	ng		87
64) 4,6-Dinitro-2-methylphenol	15.62	198	170082	39.74	ng		89
65) n-Nitrosodiphenylamine	15.75	169	1001173	48.52	ng		100
66) 4-Bromophenyl-phenylether	16.43	248	382311	48.58	ng	#	92
67) Hexachlorobenzene	16.54	284	409506	47.47	ng	#	89
68) Atrazine	16.70	200	368768	47.52	ng		98
69) Pentachlorophenol	16.89	266	483931	91.83	ng		98
70) Phenanthrene	17.28	178	1913584	49.26	ng		100
71) Anthracene	17.37	178	1937140	49.26	ng		99
72) Carbazole	17.64	167	1782421	47.33	ng		99
73) Di-n-butylphthalate	18.19	149	2098876	54.56	ng	#	97
74) Fluoranthene	19.30	202	2366620	51.44	ng		98
76) Benzidine	19.49	184	746078	27.25	ng		99
77) Pyrene	19.66	202	2457194	47.16	ng		99
79) Butylbenzylphthalate	20.54	149	1005697	53.60	ng	#	75
80) Benzo(a)anthracene	21.40	228	2602864	48.51	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	661471	32.92	ng	#	98
82) Chrysene	21.46	228	2355700	45.98	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1484212	53.00	ng		96
84) Di-n-octyl phthalate	22.21	149	2581292	55.39	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2808043	50.25	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2558367	47.91	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2546229	49.58	ng	#	98
89) Benzo(a)pyrene	23.64	252	2448804	49.52	ng		99
90) Dibenzo(a,h)anthracene	26.12	278	2379688	49.12	ng		97
91) Benzo(g,h,i)perylene	26.84	276	2266964	48.00	ng	#	93

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

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