Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009517.D
Acq On : 04 Apr 2017 01:17
Operator : SJ/MA
Sample : I2507-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:25 PM

Quant Time: Apr 04 03:54:13 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	115440	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	464602	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	285731	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	673909	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	894335	20.00	ng		-0.01
86) Perylene-d12	23.74	264	835821	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	860724	124.28	ng		-0.01
7) Phenol-d6	7.01	99	1234856	130.75	ng		-0.01
23) Nitrobenzene-d5	9.01	82	890266	71.85	ng		-0.02
41) 2,4,6-Tribromophenol	15.98	330	440906	124.21	ng		-0.02
44) 2-Fluorobiphenyl	13.10	172	1577396	66.52	ng		-0.02
78) Terphenyl-d14	19.86	244	2491309	58.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	101442	29.13	ng	#	100
4) n-Nitrosodimethylamine	3.67	42	198650	37.92	ng	#	62
6) Aniline	7.18	93	80652	6.28	ng		95
8) 2-Chlorophenol	7.41	128	308685	43.96	ng	#	80
9) Benzaldehyde	6.99	77	254655	34.26	ng	#	80
10) Phenol	7.03	94	457816	44.74	ng		89
11) bis(2-Chloroethyl)ether	7.27	93	325693	38.83	ng		83
12) 1,3-Dichlorobenzene	7.73	146	315968	37.58	ng	#	88
13) 1,4-Dichlorobenzene	7.88	146	327579	37.71	ng	#	95
14) 1,2-Dichlorobenzene	8.19	146	313525	37.17	ng		93
15) Benzyl Alcohol	8.09	79	356758	43.21	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	541341	37.13	ng		96
17) 2-Methylphenol	8.28	107	276291	41.26	ng	#	84
18) Hexachloroethane	8.92	117	131942	37.13	ng	#	90
19) n-Nitroso-di-n-propylamine	8.65	70	314469	41.30	ng		90
20) 3+4-Methylphenols	8.61	107	378463	41.57	ng		87
22) Acetophenone	8.67	105	514851	39.29	ng	#	84
24) Nitrobenzene	9.05	77	466756	38.45	ng	#	87
25) Isophorone	9.57	82	775285	41.01	ng	#	88
26) 2-Nitrophenol	9.76	139	155136	42.37	ng	#	52
27) 2,4-Dimethylphenol	9.81	122	274975	41.05	ng		87
28) bis(2-Chloroethoxy)methane	10.05	93	448701	38.34	ng		99
29) 2,4-Dichlorophenol	10.29	162	288718	41.23	ng		95
30) 1,2,4-Trichlorobenzene	10.50	180	327977	37.75	ng		100
31) Naphthalene	10.69	128	911391	36.96	ng		100
32) Benzoic acid	9.89	122	29901	9.50	ng	#	88
33) 4-Chloroaniline	10.81	127	162124	17.04	ng	#	79
34) Hexachlorobutadiene	10.96	225	203459	34.20	ng		96
35) Caprolactam	11.59	113	66911m	31.30	ng		
36) 4-Chloro-3-methylphenol	11.92	107	341845	43.15	ng	#	80
37) 2-Methylnaphthalene	12.30	142	666312	39.14	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	380667	35.29	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	447328	72.25	ng		98
42) 2,4,6-Trichlorophenol	12.92	196	260554	42.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.98	196	269790	39.20	ng	#	88
45) 1,1'-Biphenyl	13.32	154	880250	37.02	ng		96
46) 2-Chloronaphthalene	13.36	162	703657	38.10	ng		95
47) 2-Nitroaniline	13.57	65	284445	41.80	ng	#	68
48) Acenaphthylene	14.21	152	1128540	37.51	ng		99
49) Dimethylphthalate	13.95	163	1065868	48.58	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	194639	41.17	ng	#	68
51) Acenaphthene	14.56	154	688091	37.91	ng		99
52) 3-Nitroaniline	14.40	138	172341	37.00	ng	#	57
53) 2,4-Dinitrophenol	14.61	184	173547	56.18	ng		94
54) Dibenzofuran	14.89	168	1103313	41.10	ng		95
55) 4-Nitrophenol	14.70	139	322559	83.78	ng	#	16
56) 2,4-Dinitrotoluene	14.86	165	271831	42.50	ng	#	96
57) Fluorene	15.54	166	903407	37.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	253840	43.61	ng	#	100
59) Diethylphthalate	15.31	149	909755	40.88	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	466790	37.05	ng		99
61) 4-Nitroaniline	15.57	138	210758	41.66	ng	#	25
62) Azobenzene	15.82	77	1178581	45.36	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	162762	38.34	ng		91
65) n-Nitrosodiphenylamine	15.75	169	707183	34.55	ng		100
66) 4-Bromophenyl-phenylether	16.43	248	289743	37.11	ng	#	92
67) Hexachlorobenzene	16.54	284	315145	36.82	ng	#	92
68) Atrazine	16.70	200	271375	35.25	ng		96
69) Pentachlorophenol	16.89	266	393044	75.18	ng		98
70) Phenanthrene	17.28	178	1443738	37.46	ng		100
71) Anthracene	17.37	178	1489555	38.18	ng		99
72) Carbazole	17.64	167	1388365	37.16	ng		99
73) Di-n-butylphthalate	18.19	149	1556179	40.77	ng	#	97
74) Fluoranthene	19.29	202	1770972	38.80	ng		98
77) Pyrene	19.66	202	1842108	36.32	ng		97
79) Butylbenzylphthalate	20.54	149	731434	40.05	ng	#	74
80) Benzo(a)anthracene	21.40	228	1922829	36.81	ng		98
81) 3,3'-Dichlorobenzidine	21.33	252	429778	21.97	ng	#	94
82) Chrysene	21.45	228	1743626	34.96	ng		99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1114758	40.90	ng		99
84) Di-n-octyl phthalate	22.21	149	1894033	41.76	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.10	276	2034175	37.40	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	1908153	36.02	ng	#	94
88) Benzo(k)fluoranthene	23.08	252	1850128	36.31	ng		98
89) Benzo(a)pyrene	23.64	252	1800056	36.69	ng		100
90) Dibenzo(a,h)anthracene	26.11	278	1730132	36.00	ng	#	96
91) Benzo(g,h,i)perylene	26.83	276	1654795	35.32	ng	#	91

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

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