Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003464.D
Acq On : 10 Dec 2015 22:12
Operator : UM/IZ
Sample : IDOC-W-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:00:44 PM

Quant Time: Dec 11 07:18:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	71160	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	310738	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	164407	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	322345	20.00	ng		0.00
75) Chrysene-d12	21.32	240	299949	20.00	ng		0.00
86) Perylene-d12	23.57	264	298824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	594455	148.52	ng		0.00
7) Phenol-d6	6.90	99	791198	142.36	ng		0.00
23) Nitrobenzene-d5	8.88	82	474401	94.66	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	233009	141.91	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1130183	93.66	ng		0.00
78) Terphenyl-d14	19.76	244	1152688	90.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	53166	32.01	ng	#	100
3) Pyridine	3.60	79	166741	35.84	ng		88
4) n-Nitrosodimethylamine	3.53	42	66235	44.47	ng		85
6) Aniline	7.05	93	214547	29.33	ng		95
8) 2-Chlorophenol	7.29	128	238639	47.09	ng		95
9) Benzaldehyde	6.86	77	102398	37.57	ng		96
10) Phenol	6.92	94	282102	47.84	ng	#	72
11) bis(2-Chloroethyl)ether	7.15	93	201189	42.17	ng		96
12) 1,3-Dichlorobenzene	7.61	146	233303	41.91	ng		99
13) 1,4-Dichlorobenzene	7.76	146	240184	41.84	ng		97
14) 1,2-Dichlorobenzene	8.07	146	233986	42.69	ng		97
15) Benzyl Alcohol	7.96	79	187395	48.73	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	207584	40.73	ng		91
17) 2-Methylphenol	8.17	107	198467	48.13	ng		97
18) Hexachloroethane	8.80	117	84513	42.85	ng		90
19) n-Nitroso-di-n-propylamine	8.53	70	158717	43.54	ng	#	88
20) 3+4-Methylphenols	8.49	107	270201	47.37	ng		96
22) Acetophenone	8.55	105	327099	42.95	ng	#	89
24) Nitrobenzene	8.92	77	241840	44.63	ng		90
25) Isophorone	9.44	82	445823	43.98	ng		97
26) 2-Nitrophenol	9.63	139	124947	45.59	ng		92
27) 2,4-Dimethylphenol	9.69	122	228354	47.85	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	281776	46.26	ng		99
29) 2,4-Dichlorophenol	10.16	162	227130	49.97	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	223837	44.10	ng		97
31) Naphthalene	10.56	128	717231	44.11	ng		99
32) Benzoic acid	9.84	122	134957m	45.64	ng		
33) 4-Chloroaniline	10.67	127	60075	8.95	ng		95
34) Hexachlorobutadiene	10.85	225	131121	43.57	ng		97
35) Caprolactam	11.45	113	66820m	44.46	ng		
36) 4-Chloro-3-methylphenol	11.81	107	235140	45.87	ng		91
37) 2-Methylnaphthalene	12.18	142	519117	46.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	243401	46.05	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	289328	98.14	ng		98

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Quant Time: Dec 11 07:18:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	171284	49.69	ng		98
43) 2,4,5-Trichlorophenol	12.87	196	183911	50.76	ng	#	89
45) 1,1'-Biphenyl	13.20	154	655278	44.95	ng		99
46) 2-Chloronaphthalene	13.25	162	496387	46.35	ng	#	93
47) 2-Nitroaniline	13.45	65	124580	46.90	ng		93
48) Acenaphthylene	14.09	152	816001	45.70	ng		100
49) Dimethylphthalate	13.83	163	613473	45.28	ng		100
50) 2,6-Dinitrotoluene	13.95	165	133301	47.16	ng		95
51) Acenaphthene	14.44	154	470592	45.49	ng		100
52) 3-Nitroaniline	14.28	138	58128	20.09	ng		84
53) 2,4-Dinitrophenol	14.49	184	119533	75.27	ng	#	81
54) Dibenzofuran	14.77	168	748123	50.07	ng		94
55) 4-Nitrophenol	14.60	139	215588	90.25	ng		82
56) 2,4-Dinitrotoluene	14.74	165	179271	48.88	ng	#	70
57) Fluorene	15.43	166	566999	45.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	145212	52.14	ng	#	100
59) Diethylphthalate	15.20	149	605090	45.49	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	275843	44.04	ng		94
61) 4-Nitroaniline	15.45	138	131254	44.43	ng	#	75
62) Azobenzene	15.71	77	528366	50.67	ng		98
64) 4,6-Dinitro-2-methylphenol	15.51	198	84967	43.69	ng		80
65) n-Nitrosodiphenylamine	15.64	169	503234	49.38	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	163701	47.10	ng	#	86
67) Hexachlorobenzene	16.43	284	178385	47.77	ng	#	81
68) Atrazine	16.59	200	166061	52.25	ng		98
69) Pentachlorophenol	16.77	266	198751	93.24	ng		98
70) Phenanthrene	17.16	178	861201	47.61	ng		99
71) Anthracene	17.26	178	869726	48.39	ng		99
72) Carbazole	17.53	167	767789	49.03	ng		100
73) Di-n-butylphthalate	18.09	149	936249	51.15	ng		99
74) Fluoranthene	19.19	202	907093	48.63	ng		98
76) Benzidine	19.37	184	371700	38.68	ng		99
77) Pyrene	19.55	202	939725	44.67	ng		100
79) Butylbenzylphthalate	20.45	149	390402	48.19	ng		95
80) Benzo(a)anthracene	21.30	228	855269	47.56	ng		99
81) 3,3'-Dichlorobenzidine	21.23	252	184668	32.25	ng		99
82) Chrysene	21.35	228	777960	44.95	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	550580	49.56	ng		98
84) Di-n-octyl phthalate	22.11	149	973675	53.04	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	986198	54.23	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	875989	48.23	ng		98
88) Benzo(k)fluoranthene	22.94	252	811608	45.77	ng		100
89) Benzo(a)pyrene	23.47	252	837413	49.01	ng	#	97
90) Dibenzo(a,h)anthracene	25.86	278	823035	49.34	ng		99
91) Benzo(g,h,i)perylene	26.55	276	836676	49.64	ng		100

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

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