Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081291.D
Acq On : 30 Aug 2015 1:32
Operator : UM/IZ
Sample : G3474-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:59:20 PM

Quant Time: Aug 31 13:34:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 00:56:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	59035	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	230419	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	110792	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	191174	20.00	ng		0.00
75) Chrysene-d12	13.60	240	126342	20.00	ng		0.00
86) Perylene-d12	14.93	264	106013	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	240001	61.15	ng		0.02
7) Phenol-d6	6.15	99	215550	42.09	ng		0.01
23) Nitrobenzene-d5	7.06	82	404379	80.17	ng		0.00
41) 2,4,6-Tribromophenol	10.31	330	94534	98.43	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	613449	72.55	ng		0.00
78) Terphenyl-d14	12.57	244	493516	83.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	32083	17.35	ng		94
3) Pyridine	2.54	79	50163	9.61	ng	#	84
4) n-Nitrosodimethylamine	2.43	42	49398	17.00	ng		85
6) Aniline	6.17	93	49185	6.61	ng	#	53
8) 2-Chlorophenol	6.27	128	139920	32.57	ng		84
9) Benzaldehyde	6.02	77	24255	7.35	ng		84
10) Phenol	6.16	94	88586	14.65	ng	#	75
11) bis(2-Chloroethyl)ether	6.23	93	234003	50.42	ng		93
12) 1,3-Dichlorobenzene	6.42	146	178192	38.60	ng		96
13) 1,4-Dichlorobenzene	6.50	146	185400	40.56	ng		97
14) 1,2-Dichlorobenzene	6.65	146	150819	35.25	ng		99
15) Benzyl Alcohol	6.65	79	115892	27.97	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	354917	38.92	ng		81
17) 2-Methylphenol	6.78	107	100615	27.30	ng	#	91
18) Hexachloroethane	6.99	117	73004	39.53	ng		95
19) n-Nitroso-di-n-propylamine	6.93	70	135641	38.24	ng		93
20) 3+4-Methylphenols	6.94	107	130241	27.84	ng	#	45
22) Acetophenone	6.90	105	257512	42.57	ng	#	89
24) Nitrobenzene	7.09	77	203749	38.63	ng	#	85
25) Isophorone	7.33	82	358043	38.06	ng		99
26) 2-Nitrophenol	7.39	139	79476	36.24	ng		86
27) 2,4-Dimethylphenol	7.46	122	146744	37.82	ng		89
28) bis(2-Chloroethoxy)methane	7.54	93	209652	37.73	ng		99
29) 2,4-Dichlorophenol	7.65	162	122848	37.61	ng		89
30) 1,2,4-Trichlorobenzene	7.71	180	137290	37.81	ng		96
31) Naphthalene	7.79	128	479939	37.37	ng		99
32) Benzoic acid	7.59	122	38032	17.43	ng		90
33) 4-Chloroaniline	7.86	127	50043	9.23	ng	#	92
34) Hexachlorobutadiene	7.92	225	84768	41.29	ng		97
35) Caprolactam	8.30	113	9007	7.89	ng		92
36) 4-Chloro-3-methylphenol	8.35	107	142737	36.66	ng		92
37) 2-Methylnaphthalene	8.49	142	314401m	38.75	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	120966	33.84	ng	#	96
40) Hexachlorocyclopentadiene	8.64	237	100263	54.19	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	94384	37.37	ng		97
43) 2,4,5-Trichlorophenol	8.82	196	83590	33.12	ng	#	86
45) 1,1'-Biphenyl	8.95	154	344173	35.27	ng		95
46) 2-Chloronaphthalene	8.97	162	280847	35.82	ng		94
47) 2-Nitroaniline	9.09	65	117431	36.60	ng	#	65
48) Acenaphthylene	9.38	152	471571	33.62	ng		99
49) Dimethylphthalate	9.27	163	322688	35.37	ng		99
50) 2,6-Dinitrotoluene	9.33	165	63616	32.47	ng	#	67
51) Acenaphthene	9.55	154	289450	34.47	ng		99
52) 3-Nitroaniline	9.50	138	39040	15.92	ng		81
53) 2,4-Dinitrophenol	9.60	184	76508	71.70	ng		91
54) Dibenzofuran	9.73	168	402542	35.78	ng		95
55) 4-Nitrophenol	9.69	139	45345m	26.34	ng		
56) 2,4-Dinitrotoluene	9.73	165	82749	31.87	ng	#	59
57) Fluorene	10.07	166	302549	34.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	69099m	35.37	ng		
59) Diethylphthalate	9.97	149	367316	38.03	ng		97
60) 4-Chlorophenyl-phenylether	10.07	204	144969	39.58	ng	#	82
61) 4-Nitroaniline	10.10	138	33907	13.53	ng		97
62) Azobenzene	10.22	77	383800	34.49	ng		97
64) 4,6-Dinitro-2-methylphenol	10.13	198	47962	42.01	ng	#	79
65) n-Nitrosodiphenylamine	10.18	169	258136	37.83	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	80465	42.85	ng	#	79
67) Hexachlorobenzene	10.61	284	80041	42.08	ng	#	92
68) Atrazine	10.77	200	53974	28.39	ng		95
69) Pentachlorophenol	10.81	266	73911	64.77	ng		99
70) Phenanthrene	11.02	178	441317	38.95	ng		99
71) Anthracene	11.06	178	382225	34.67	ng		99
72) Carbazole	11.23	167	415921	39.18	ng		99
73) Di-n-butylphthalate	11.58	149	502185	39.10	ng		98
74) Fluoranthene	12.19	202	479141	39.19	ng		98
77) Pyrene	12.41	202	415538	40.46	ng		99
79) Butylbenzylphthalate	13.06	149	225202	51.01	ng		93
80) Benzo(a)anthracene	13.60	228	349503	41.25	ng		99
82) Chrysene	13.64	228	322790	42.27	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	324500	57.38	ng		100
84) Di-n-octyl phthalate	14.23	149	509340	59.26	ng		97
85) Indeno(1,2,3-cd)pyrene	16.08	276	285023	53.16	ng	#	94
87) Benzo(b)fluoranthene	14.58	252	268918m	35.86	ng		
88) Benzo(k)fluoranthene	14.61	252	237397m	33.98	ng		
89) Benzo(a)pyrene	14.88	252	264581	40.49	ng		98
90) Dibenzo(a,h)anthracene	16.09	278	236904	46.53	ng	#	95
91) Benzo(g,h,i)perylene	16.42	276	240597	46.58	ng	#	93

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

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