Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084504.D
Acq On : 15 Jan 2016 21:26
Operator : SJ/UM
Sample : H1147-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07MS

Quant Time: Jan 16 03:07:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267168	20.00	ng		0.01
21) Naphthalene-d8	8.11	136	1027338	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	511425	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	822618	20.00	ng		0.01
75) Chrysene-d12	13.99	240	486513	20.00	ng		0.00
86) Perylene-d12	15.40	264	546006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1212833	73.43	ng		0.01
7) Phenol-d6	6.49	99	949569	45.77	ng		0.02
23) Nitrobenzene-d5	7.40	82	1589240	86.10	ng		0.01
41) 2,4,6-Tribromophenol	10.67	330	702651	136.09	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	2766399	95.97	ng		0.00
78) Terphenyl-d14	12.93	244	2133872	97.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	152196	19.45	ng	#	77
3) Pyridine	3.20	79	243601	11.17	ng	#	75
4) n-Nitrosodimethylamine	3.10	42	207286	18.51	ng	#	93
6) Aniline	6.50	93	453003	14.93	ng	#	72
8) 2-Chlorophenol	6.62	128	729007	38.90	ng		92
9) Benzaldehyde	6.36	77	1371222	101.51	ng	#	1
10) Phenol	6.50	94	351739	14.91	ng	#	70
11) bis(2-Chloroethyl)ether	6.59	93	1002603	54.87	ng		88
12) 1,3-Dichlorobenzene	6.77	146	861558m	44.57	ng		
13) 1,4-Dichlorobenzene	6.85	146	931780	48.06	ng		94
14) 1,2-Dichlorobenzene	7.00	146	775063	41.75	ng		96
15) Benzyl Alcohol	6.98	79	476271	27.29	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1135925	34.14	ng	#	41
17) 2-Methylphenol	7.10	107	458757	29.21	ng	#	46
18) Hexachloroethane	7.37	117	1731476	223.35	ng	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	612007	43.58	ng	#	73
20) 3+4-Methylphenols	7.25	107	548468	29.71	ng	#	80
22) Acetophenone	7.23	105	3541210	143.35	ng	#	58
24) Nitrobenzene	7.42	77	1123307	60.00	ng		93
25) Isophorone	7.66	82	1697594	48.09	ng	#	92
26) 2-Nitrophenol	7.73	139	489211	57.41	ng	#	88
27) 2,4-Dimethylphenol	7.78	122	686251	39.79	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	1110934	51.52	ng		95
29) 2,4-Dichlorophenol	7.98	162	678707	47.24	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	729742	49.20	ng		97
31) Naphthalene	8.13	128	3114933	66.83	ng		97
32) Benzoic acid	7.92	122	172236	19.75	ng	#	86
33) 4-Chloroaniline	8.19	127	282376	13.21	ng		94
34) Hexachlorobutadiene	8.26	225	429423	50.37	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	710128	44.13	ng		99
37) 2-Methylnaphthalene	8.83	142	1772757	52.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	613613	41.73	ng		98
40) Hexachlorocyclopentadiene	8.98	237	481825	54.29	ng		97
42) 2,4,6-Trichlorophenol	9.12	196	495744	45.07	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	450056	42.68	ng	#	89
45) 1,1'-Biphenyl	9.30	154	1968338	48.43	ng		97
46) 2-Chloronaphthalene	9.32	162	1510374	47.31	ng	#	88
47) 2-Nitroaniline	9.41	65	546388	51.85	ng		98
48) Acenaphthylene	9.73	152	2097494	44.47	ng		95
49) Dimethylphthalate	9.61	163	1819517	49.77	ng	#	90
50) 2,6-Dinitrotoluene	9.66	165	432127	53.89	ng	#	82
51) Acenaphthene	9.90	154	1580830	49.96	ng		98
52) 3-Nitroaniline	9.82	138	189115	19.03	ng		99
53) 2,4-Dinitrophenol	9.94	184	359082	104.00	ng		89
54) Dibenzofuran	10.08	168	1814237	44.22	ng		91
55) 4-Nitrophenol	10.01	139	211820	29.37	ng	#	77
56) 2,4-Dinitrotoluene	10.06	165	491465	48.42	ng		93
57) Fluorene	10.42	166	1427228	45.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	426570	47.38	ng		87
59) Diethylphthalate	10.30	149	1746152	48.44	ng		95
60) 4-Chlorophenyl-phenylether	10.41	204	665395	50.78	ng		90
61) 4-Nitroaniline	10.44	138	312312	35.26	ng		88
62) Azobenzene	10.57	77	1703456	43.08	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	240811	48.36	ng		78
65) n-Nitrosodiphenylamine	10.53	169	1304216	49.59	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	434429	49.07	ng	#	81
67) Hexachlorobenzene	10.97	284	501339	50.31	ng		99
68) Atrazine	11.07	200	412165	47.89	ng		97
69) Pentachlorophenol	11.16	266	452311	87.53	ng		97
70) Phenanthrene	11.38	178	2100014	48.80	ng		95
71) Anthracene	11.42	178	2165871	51.35	ng		98
72) Carbazole	11.58	167	1736837	42.12	ng		99
73) Di-n-butylphthalate	11.92	149	2303237	55.75	ng	#	95
74) Fluoranthene	12.57	202	2047282	45.55	ng		94
77) Pyrene	12.78	202	1939817	50.81	ng		98
79) Butylbenzylphthalate	13.41	149	850218	51.46	ng		92
80) Benzo(a)anthracene	13.97	228	1471881	51.52	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	238928	23.96	ng	#	94
82) Chrysene	14.02	228	1499754	54.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1058439	50.71	ng		97
84) Di-n-octyl phthalate	14.59	149	1959852	55.62	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.80	276	1656378	76.12	ng		99
87) Benzo(b)fluoranthene	15.00	252	1514980m	42.42	ng		
88) Benzo(k)fluoranthene	15.04	252	1522561m	52.12	ng		
89) Benzo(a)pyrene	15.35	252	1504341	49.66	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	1358946	52.13	ng		98
91) Benzo(g,h,i)perylene	17.21	276	1345481	49.84	ng		97

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

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