Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089944.D
Acq On : 31 Aug 2016 12:19
Operator : UM/SJ
Sample : H4622-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TINTON-FALLS-ONION-FIELD-BPM

Manual Integrations APPROVED
SOHIL
9/1/2016 11:53:34 AM

Quant Time: Aug 31 16:28:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	239844	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	947713	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	491118	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	990826	20.00	ng		0.00
75) Chrysene-d12	13.76	240	616309	20.00	ng		0.00
86) Perylene-d12	15.10	264	561447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1380034	92.10	ng		0.01
7) Phenol-d6	6.28	99	1640418	90.10	ng		0.01
23) Nitrobenzene-d5	7.21	82	1100048	67.32	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	466966	96.38	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	2017947	67.45	ng		0.00
78) Terphenyl-d14	12.72	244	1608191	64.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	197445	27.81	ng		98
3) Pyridine	2.80	79	133992	7.07	ng		96
4) n-Nitrosodimethylamine	2.73	42	334661	35.83	ng		97
6) Aniline	6.30	93	516391	20.79	ng	#	37
8) 2-Chlorophenol	6.42	128	558894	34.38	ng		97
9) Benzaldehyde	6.17	77	124530	10.60	ng		88
10) Phenol	6.30	94	687796	32.49	ng		85
11) bis(2-Chloroethyl)ether	6.39	93	546561	34.11	ng		85
12) 1,3-Dichlorobenzene	6.58	146	598452	32.96	ng		99
13) 1,4-Dichlorobenzene	6.65	146	580524	31.25	ng		99
14) 1,2-Dichlorobenzene	6.81	146	599811	36.02	ng		98
15) Benzyl Alcohol	6.79	79	416696	36.53	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1078663	35.31	ng		98
17) 2-Methylphenol	6.91	107	478807	36.88	ng		97
18) Hexachloroethane	7.15	117	215496	33.87	ng		95
19) n-Nitroso-di-n-propylamine	7.07	70	423934	35.73	ng		98
20) 3+4-Methylphenols	7.06	107	493459	31.36	ng		91
22) Acetophenone	7.05	105	670125	31.52	ng	#	93
24) Nitrobenzene	7.22	77	536464	30.88	ng		95
25) Isophorone	7.47	82	1134772	34.15	ng		99
26) 2-Nitrophenol	7.54	139	298810	35.98	ng		97
27) 2,4-Dimethylphenol	7.59	122	518880	33.78	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	761388	37.99	ng		99
29) 2,4-Dichlorophenol	7.78	162	465307	33.79	ng		98
30) 1,2,4-Trichlorobenzene	7.86	180	520287	34.56	ng		98
31) Naphthalene	7.94	128	1459848	30.92	ng		100
32) Benzoic acid	7.67	122	22855	2.21	ng		91
33) 4-Chloroaniline	8.00	127	459885	24.14	ng		95
34) Hexachlorobutadiene	8.07	225	282517	32.02	ng		99
35) Caprolactam	8.36	113	141501m	32.55	ng		
36) 4-Chloro-3-methylphenol	8.49	107	535851	36.74	ng		94
37) 2-Methylnaphthalene	8.64	142	1113084	35.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	368168	25.59	ng		97
40) Hexachlorocyclopentadiene	8.79	237	526188	71.33	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	372523	37.36	ng		98
43) 2,4,5-Trichlorophenol	8.96	196	339168	35.37	ng	#	87
45) 1,1'-Biphenyl	9.10	154	1086178	27.47	ng		100
46) 2-Chloronaphthalene	9.12	162	998498	35.70	ng		98
47) 2-Nitroaniline	9.22	65	338189	36.98	ng	#	49
48) Acenaphthylene	9.53	152	1516984	32.80	ng		100
49) Dimethylphthalate	9.42	163	1674319	47.17	ng	#	98
50) 2,6-Dinitrotoluene	9.46	165	257051	32.56	ng		94
51) Acenaphthene	9.70	154	982928	33.54	ng		99
52) 3-Nitroaniline	9.62	138	227732	25.29	ng		98
53) 2,4-Dinitrophenol	9.72	184	100413	29.32	ng		98
54) Dibenzofuran	9.87	168	1414039	36.01	ng		100
55) 4-Nitrophenol	9.79	139	373237	54.95	ng	#	61
56) 2,4-Dinitrotoluene	9.86	165	355870	35.55	ng	#	89
57) Fluorene	10.22	166	1086989	37.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	281516	34.30	ng		98
59) Diethylphthalate	10.10	149	1133046	33.93	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	490267	36.31	ng		99
61) 4-Nitroaniline	10.24	138	314270	35.52	ng		93
62) Azobenzene	10.36	77	1187212	35.59	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	136024	21.44	ng		96
65) n-Nitrosodiphenylamine	10.33	169	930512	31.24	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	326504	32.73	ng		98
67) Hexachlorobenzene	10.75	284	335798	29.47	ng		99
68) Atrazine	10.87	200	355255	35.72	ng		93
69) Pentachlorophenol	10.95	266	306483	50.00	ng		99
70) Phenanthrene	11.16	178	1606029	32.55	ng		100
71) Anthracene	11.21	178	1540805	30.79	ng		100
72) Carbazole	11.37	167	1438354	30.65	ng		99
73) Di-n-butylphthalate	11.71	149	1826830	33.40	ng		100
74) Fluoranthene	12.34	202	1727246	33.40	ng		99
76) Benzidine	12.47	184	142943	6.12	ng		95
77) Pyrene	12.56	202	1588859	36.56	ng		99
79) Butylbenzylphthalate	13.20	149	647928	36.97	ng		99
80) Benzo(a)anthracene	13.75	228	1283899	34.01	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	335457	24.62	ng		98
82) Chrysene	13.78	228	1210134	34.32	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	850213	35.08	ng	#	98
84) Di-n-octyl phthalate	14.38	149	1389257	35.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1202772	46.14	ng		99
87) Benzo(b)fluoranthene	14.73	252	1373455m	39.05	ng		
88) Benzo(k)fluoranthene	14.77	252	763144m	25.57	ng		
89) Benzo(a)pyrene	15.04	252	1049527	34.83	ng	#	95
90) Dibenzo(a,h)anthracene	16.34	278	995444	45.08	ng		97
91) Benzo(g,h,i)perylene	16.70	276	1051856	47.33	ng		96

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

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