Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089943.D
Acq On : 31 Aug 2016 11:51
Operator : UM/SJ
Sample : H4622-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
SOHIL
9/1/2016 11:53:12 AM

Quant Time: Aug 31 16:21:17 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	243957	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	927348	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	499384	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	980286	20.00	ng		0.00
75) Chrysene-d12	13.75	240	606382	20.00	ng		-0.01
86) Perylene-d12	15.10	264	539626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1302064	85.43	ng		0.01
7) Phenol-d6	6.28	99	1566271	84.57	ng		0.01
23) Nitrobenzene-d5	7.21	82	1018742	63.71	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	421379	85.53	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1820646	59.85	ng		0.00
78) Terphenyl-d14	12.72	244	1476331	60.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	174137	24.11	ng		99
3) Pyridine	2.78	79	396588	20.58	ng		97
4) n-Nitrosodimethylamine	2.73	42	285504	30.05	ng		97
6) Aniline	6.30	93	537517	21.27	ng	#	64
8) 2-Chlorophenol	6.42	128	486249	29.41	ng		100
9) Benzaldehyde	6.17	77	103028	8.62	ng		89
10) Phenol	6.30	94	697781	32.40	ng		82
11) bis(2-Chloroethyl)ether	6.38	93	425881	26.13	ng		99
12) 1,3-Dichlorobenzene	6.57	146	502287m	27.20	ng		
13) 1,4-Dichlorobenzene	6.65	146	500962	26.51	ng		100
14) 1,2-Dichlorobenzene	6.81	146	512299	30.24	ng		97
15) Benzyl Alcohol	6.79	79	378742	32.65	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	918012	29.54	ng		97
17) 2-Methylphenol	6.90	107	397585	30.11	ng		99
18) Hexachloroethane	7.15	117	187195	28.92	ng		93
19) n-Nitroso-di-n-propylamine	7.06	70	325401	26.96	ng		90
20) 3+4-Methylphenols	7.06	107	461902	28.86	ng	#	82
22) Acetophenone	7.05	105	553725	26.62	ng	#	95
24) Nitrobenzene	7.22	77	480511	28.27	ng		94
25) Isophorone	7.47	82	970055	29.83	ng		96
26) 2-Nitrophenol	7.54	139	268394	33.03	ng		94
27) 2,4-Dimethylphenol	7.59	122	438448	29.17	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	648281	33.06	ng		99
29) 2,4-Dichlorophenol	7.78	162	407577	30.25	ng		98
30) 1,2,4-Trichlorobenzene	7.86	180	447556	30.38	ng		95
31) Naphthalene	7.94	128	1287483	27.87	ng		99
32) Benzoic acid	7.67	122	27778	2.74	ng		93
33) 4-Chloroaniline	8.00	127	412394	22.12	ng	#	93
34) Hexachlorobutadiene	8.07	225	248008	28.73	ng		99
35) Caprolactam	8.36	113	128886m	30.30	ng		
36) 4-Chloro-3-methylphenol	8.48	107	417653	29.26	ng	#	80
37) 2-Methylnaphthalene	8.63	142	943868	30.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	362231	24.76	ng		98
40) Hexachlorocyclopentadiene	8.79	237	427600	57.00	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	344089	33.94	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	278928	28.61	ng		98
45) 1,1'-Biphenyl	9.10	154	981051	24.40	ng		99
46) 2-Chloronaphthalene	9.12	162	919844	32.34	ng		96
47) 2-Nitroaniline	9.21	65	257416	27.68	ng		97
48) Acenaphthylene	9.53	152	1392008	29.60	ng		99
49) Dimethylphthalate	9.40	163	1432058	39.68	ng		100
50) 2,6-Dinitrotoluene	9.46	165	239826	29.87	ng		99
51) Acenaphthene	9.70	154	899640	30.19	ng		99
52) 3-Nitroaniline	9.62	138	201898	22.05	ng		94
53) 2,4-Dinitrophenol	9.72	184	79631	24.46	ng		90
54) Dibenzofuran	9.87	168	1303430	32.64	ng		98
55) 4-Nitrophenol	9.79	139	380362	55.08	ng	#	68
56) 2,4-Dinitrotoluene	9.86	165	344306	33.82	ng		99
57) Fluorene	10.22	166	946824	32.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	252600	30.26	ng		100
59) Diethylphthalate	10.10	149	972868	28.65	ng		100
60) 4-Chlorophenyl-phenylether	10.22	204	416659	30.35	ng		96
61) 4-Nitroaniline	10.23	138	240173	26.70	ng		84
62) Azobenzene	10.36	77	1048321	30.91	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	120862	19.26	ng		80
65) n-Nitrosodiphenylamine	10.33	169	874835	29.68	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	305084	30.91	ng		96
67) Hexachlorobenzene	10.75	284	300011	26.61	ng		94
68) Atrazine	10.86	200	260431	26.47	ng		99
69) Pentachlorophenol	10.95	266	279617	46.11	ng		98
70) Phenanthrene	11.17	178	1480343	30.32	ng		100
71) Anthracene	11.21	178	1327354	26.81	ng		100
72) Carbazole	11.37	167	1387651	29.89	ng		100
73) Di-n-butylphthalate	11.71	149	1548006	28.61	ng		99
74) Fluoranthene	12.34	202	1507269	29.46	ng		99
76) Benzidine	12.47	184	380737	16.57	ng		96
77) Pyrene	12.56	202	1340201	31.35	ng		99
79) Butylbenzylphthalate	13.20	149	574570	33.32	ng		97
80) Benzo(a)anthracene	13.74	228	1106123	29.78	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	279318	20.84	ng	#	97
82) Chrysene	13.78	228	1062041	30.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	752414	31.55	ng	#	93
84) Di-n-octyl phthalate	14.37	149	1163306	30.22	ng		100
85) Indeno(1,2,3-cd)pyrene	16.32	276	1006125	39.23	ng		99
87) Benzo(b)fluoranthene	14.73	252	853688m	25.25	ng		
88) Benzo(k)fluoranthene	14.77	252	915955m	31.93	ng		
89) Benzo(a)pyrene	15.04	252	859592	29.68	ng	#	95
90) Dibenzo(a,h)anthracene	16.34	278	845487	39.84	ng		99
91) Benzo(g,h,i)perylene	16.70	276	875391	40.98	ng		99

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

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