Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086294.D
Acq On : 18 Apr 2016 21:03
Operator : UM/SJ
Sample : H2413-11MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MSD

Manual Integrations APPROVED
Sohil
4/19/2016 6:25:16 PM

Quant Time: Apr 19 02:27:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	297637	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1169455	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	468175	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	724220	20.00	ng		0.00
75) Chrysene-d12	14.05	240	432173	20.00	ng		0.00
86) Perylene-d12	15.48	264	420775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1895236	104.33	ng		0.01
7) Phenol-d6	6.52	99	2314191	101.85	ng		0.00
23) Nitrobenzene-d5	7.46	82	1632196	80.50	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	376402	100.12	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1820989	71.77	ng		-0.01
78) Terphenyl-d14	13.00	244	1381670	80.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	324170	32.36	ng		97
3) Pyridine	3.32	79	980183	37.52	ng		98
4) n-Nitrosodimethylamine	3.26	42	387273	41.03	ng	#	73
6) Aniline	6.56	93	636779	19.44	ng		95
8) 2-Chlorophenol	6.67	128	721803	35.12	ng		98
9) Benzaldehyde	6.43	77	262975	16.31	ng		89
10) Phenol	6.53	94	803819	29.71	ng		91
11) bis(2-Chloroethyl)ether	6.62	93	737166	36.21	ng		84
12) 1,3-Dichlorobenzene	6.83	146	775570	35.57	ng		96
13) 1,4-Dichlorobenzene	6.91	146	812383	39.11	ng		97
14) 1,2-Dichlorobenzene	7.06	146	703278m	38.14	ng		
15) Benzyl Alcohol	7.04	79	671723	41.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1169460	36.87	ng		99
17) 2-Methylphenol	7.15	107	696843	40.70	ng		94
18) Hexachloroethane	7.40	117	245104	31.28	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	536828	36.92	ng	#	90
20) 3+4-Methylphenols	7.30	107	646177	33.69	ng	#	86
22) Acetophenone	7.30	105	891397	39.80	ng	#	83
24) Nitrobenzene	7.47	77	780508	35.21	ng		92
25) Isophorone	7.72	82	1553333	38.61	ng		95
26) 2-Nitrophenol	7.79	139	356124	36.84	ng	#	85
27) 2,4-Dimethylphenol	7.84	122	725237	37.15	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	953629	40.32	ng		99
29) 2,4-Dichlorophenol	8.03	162	574432	38.71	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	613765	39.52	ng		98
31) Naphthalene	8.20	128	2133673	40.86	ng		99
32) Benzoic acid	7.89	122	50970	4.08	ng		97
33) 4-Chloroaniline	8.25	127	344634	14.76	ng	#	92
34) Hexachlorobutadiene	8.32	225	281471	36.17	ng		98
35) Caprolactam	8.61	113	216506	40.29	ng	#	70
36) 4-Chloro-3-methylphenol	8.73	107	626320	36.42	ng		95
37) 2-Methylnaphthalene	8.89	142	1222550	36.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	489403	50.49	ng		98
40) Hexachlorocyclopentadiene	9.05	237	176901	32.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	381683	41.38	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	360970	40.52	ng	#	90
45) 1,1'-Biphenyl	9.36	154	1426577	42.33	ng		98
46) 2-Chloronaphthalene	9.38	162	1094181	39.76	ng		98
47) 2-Nitroaniline	9.47	65	405463	45.49	ng		93
48) Acenaphthylene	9.79	152	1673117	38.21	ng		99
49) Dimethylphthalate	9.65	163	1604247	47.13	ng		98
50) 2,6-Dinitrotoluene	9.71	165	265418	35.24	ng	#	62
51) Acenaphthene	9.96	154	973919	37.24	ng		99
52) 3-Nitroaniline	9.88	138	322921	35.28	ng		87
53) 2,4-Dinitrophenol	9.98	184	43508	19.07	ng	#	69
54) Dibenzofuran	10.13	168	1396282	40.42	ng		92
55) 4-Nitrophenol	10.04	139	533538	74.51	ng	#	82
56) 2,4-Dinitrotoluene	10.11	165	334442	34.68	ng	#	59
57) Fluorene	10.48	166	883570	36.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	250475	38.71	ng	#	96
59) Diethylphthalate	10.35	149	1350760	38.44	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	450610	46.06	ng		89
61) 4-Nitroaniline	10.49	138	296193	37.44	ng		91
62) Azobenzene	10.64	77	1418701	41.27	ng		88
64) 4,6-Dinitro-2-methylphenol	10.52	198	44915	13.03	ng	#	57
65) n-Nitrosodiphenylamine	10.59	169	959784	43.27	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	280085	41.50	ng	#	73
67) Hexachlorobenzene	11.02	284	272019	38.46	ng		94
68) Atrazine	11.12	200	263649	38.79	ng		98
69) Pentachlorophenol	11.22	266	305349	71.19	ng		99
70) Phenanthrene	11.44	178	1349210	39.00	ng		100
71) Anthracene	11.49	178	1492803	46.65	ng		98
72) Carbazole	11.64	167	1298135	39.46	ng		99
73) Di-n-butylphthalate	11.97	149	1837050	41.30	ng		99
74) Fluoranthene	12.62	202	1441380	48.90	ng		97
76) Benzidine	12.74	184	672346	40.11	ng		95
77) Pyrene	12.85	202	1424885	42.98	ng		99
79) Butylbenzylphthalate	13.47	149	673495	43.97	ng	#	78
80) Benzo(a)anthracene	14.04	228	1006043	42.41	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	323357	23.51	ng		96
82) Chrysene	14.08	228	1083951	42.85	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	788418	47.67	ng	#	98
84) Di-n-octyl phthalate	14.65	149	1628733	51.09	ng		98
85) Indeno(1,2,3-cd)pyrene	16.89	276	913821	43.95	ng		96
87) Benzo(b)fluoranthene	15.07	252	1054256m	40.61	ng		
88) Benzo(k)fluoranthene	15.09	252	870018m	36.76	ng		
89) Benzo(a)pyrene	15.43	252	914066	40.65	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	767219	38.61	ng		96
91) Benzo(g,h,i)perylene	17.32	276	763842	36.15	ng		98

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

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