Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084344.D
Acq On : 9 Jan 2016 00:31
Operator : SJ/UM
Sample : H1026-06MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)MSD

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:47 AM

Quant Time: Jan 09 04:46:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 09 04:23:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	272471	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1162724	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	558082	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	1041525	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	736164	20.00	ng		-0.01
86) Perylene-d12	15.45	264	611197	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1788632	106.18	ng		0.02
7) Phenol-d6	6.52	99	2356864	111.40	ng		0.00
23) Nitrobenzene-d5	7.42	82	1680946	80.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	636675	113.00	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	3000812	95.36	ng		0.00
78) Terphenyl-d14	12.97	244	2779169	84.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	293440m	36.77	ng		
3) Pyridine	3.38	79	797270m	35.83	ng		
4) n-Nitrosodimethylamine	3.29	42	458884	40.18	ng	#	76
6) Aniline	6.52	93	158649	5.13	ng	#	1
8) 2-Chlorophenol	6.65	128	803676	42.05	ng		81
9) Benzaldehyde	6.41	77	241920	17.56	ng		93
10) Phenol	6.53	94	934690	38.86	ng		83
11) bis(2-Chloroethyl)ether	6.60	93	873061	46.85	ng		86
12) 1,3-Dichlorobenzene	6.80	146	835419m	42.37	ng		
13) 1,4-Dichlorobenzene	6.88	146	909242	45.99	ng		95
14) 1,2-Dichlorobenzene	7.02	146	746296	39.42	ng		96
15) Benzyl Alcohol	7.01	79	761233	42.77	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1330406	39.21	ng		76
17) 2-Methylphenol	7.13	107	671812	41.94	ng	#	87
18) Hexachloroethane	7.37	117	339144	42.90	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	660191	46.10	ng	#	81
20) 3+4-Methylphenols	7.29	107	871556	46.29	ng	#	88
22) Acetophenone	7.28	105	1244052	44.50	ng	#	96
24) Nitrobenzene	7.45	77	1033211	48.76	ng		98
25) Isophorone	7.69	82	1677731	41.99	ng		99
26) 2-Nitrophenol	7.77	139	481222	49.90	ng		89
27) 2,4-Dimethylphenol	7.81	122	821184	42.07	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	1083267	44.39	ng		96
29) 2,4-Dichlorophenol	8.01	162	695483	42.77	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	761011	45.33	ng		96
31) Naphthalene	8.17	128	2448339	46.41	ng		98
32) Benzoic acid	7.95	122	377112	32.37	ng		94
33) 4-Chloroaniline	8.22	127	101642	4.20	ng		94
34) Hexachlorobutadiene	8.28	225	418658	43.39	ng		98
35) Caprolactam	8.61	113	196721m	35.89	ng		
36) 4-Chloro-3-methylphenol	8.72	107	858544	47.14	ng		93
37) 2-Methylnaphthalene	8.86	142	1687915	44.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	689528	42.98	ng		97
40) Hexachlorocyclopentadiene	9.01	237	622041	64.23	ng		97

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Quant Time: Jan 09 04:46:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	496521	41.37	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	549959	47.79	ng		94
45) 1,1'-Biphenyl	9.32	154	1803812	40.67	ng		99
46) 2-Chloronaphthalene	9.34	162	1417131	40.68	ng		97
47) 2-Nitroaniline	9.45	65	500906	43.56	ng		97
48) Acenaphthylene	9.77	152	2409087	46.80	ng		96
49) Dimethylphthalate	9.63	163	1689025	42.33	ng	#	89
50) 2,6-Dinitrotoluene	9.69	165	391633	44.76	ng	#	40
51) Acenaphthene	9.94	154	1770040	51.27	ng		98
52) 3-Nitroaniline	9.86	138	121991	11.25	ng		85
53) 2,4-Dinitrophenol	9.96	184	292904	78.64	ng	#	73
54) Dibenzofuran	10.11	168	2127774	47.77	ng		92
55) 4-Nitrophenol	10.05	139	618866	78.63	ng		94
56) 2,4-Dinitrotoluene	10.10	165	594410	53.67	ng		96
57) Fluorene	10.45	166	1715181	49.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	438001	44.58	ng		88
59) Diethylphthalate	10.33	149	1795439	45.64	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	708761	49.34	ng		94
61) 4-Nitroaniline	10.48	138	403834	41.78	ng		95
62) Azobenzene	10.60	77	1896713	43.96	ng		88
64) 4,6-Dinitro-2-methylphenol	10.50	198	231870	36.50	ng	#	59
65) n-Nitrosodiphenylamine	10.57	169	1492919	44.83	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	507096	45.23	ng	#	86
67) Hexachlorobenzene	10.99	284	546050	43.28	ng	#	78
68) Atrazine	11.10	200	536215	49.21	ng		93
69) Pentachlorophenol	11.20	266	522584	79.88	ng		99
70) Phenanthrene	11.41	178	2550172	46.81	ng		95
71) Anthracene	11.46	178	2226952	41.70	ng		97
72) Carbazole	11.62	167	1990152	38.12	ng		96
73) Di-n-butylphthalate	11.95	149	2492126	44.88	ng	#	94
74) Fluoranthene	12.59	202	2600104	45.69	ng		98
76) Benzidine	12.72	184	448167	16.98	ng		97
77) Pyrene	12.82	202	2597253	44.96	ng		97
79) Butylbenzylphthalate	13.45	149	1197933	47.92	ng		93
80) Benzo(a)anthracene	14.01	228	1883941	43.58	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	266510	17.67	ng	#	95
82) Chrysene	14.05	228	2038231	49.07	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1430959	45.31	ng	#	96
84) Di-n-octyl phthalate	14.61	149	2493420	46.76	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1621314	49.24	ng		99
87) Benzo(b)fluoranthene	15.04	252	2167984m	54.23	ng		
88) Benzo(k)fluoranthene	15.07	252	1208134m	36.95	ng		
89) Benzo(a)pyrene	15.39	252	1544811	45.55	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	1315465	45.08	ng		96
91) Benzo(g,h,i)perylene	17.27	276	1341110	44.38	ng		98

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

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