Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100162.D
Acq On : 4 Nov 2017 4:54
Operator : SJ/JU
Sample : I6160-09MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Manual Integrations APPROVED
Sohil
11/4/2017 2:19:15 PM

Quant Time: Nov 04 05:51:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	93075	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	385064	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	173325	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	279603	20.00	ng		0.00
75) Chrysene-d12	13.95	240	155512	20.00	ng		0.00
86) Perylene-d12	15.41	264	162660	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	301527	50.86	ng		0.00
7) Phenol-d6	6.42	99	219939	31.29	ng		0.00
23) Nitrobenzene-d5	7.35	82	455455	76.15	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	159636	101.06	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	896896	79.84	ng		0.00
78) Terphenyl-d14	12.88	244	662363	93.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	39906	15.243	ng	#	86
3) Pyridine	3.33	79	68413	10.867	ng	#	81
4) n-Nitrosodimethylamine	3.26	42	26243	11.668	ng	#	75
6) Aniline	6.44	93	195158	21.412	ng		93
8) 2-Chlorophenol	6.56	128	220240	34.856	ng		90
9) Benzaldehyde	6.33	77	121962	29.035	ng		87
10) Phenol	6.44	94	96699	12.529	ng	#	1
11) bis(2-Chloroethyl)ether	6.51	93	241672	40.549	ng		91
12) 1,3-Dichlorobenzene	6.71	146	271267m	38.236	ng		
13) 1,4-Dichlorobenzene	6.79	146	283337	39.350	ng		97
14) 1,2-Dichlorobenzene	6.94	146	255186	38.887	ng		95
15) Benzyl Alcohol	6.93	79	117744	26.338	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	310836	46.950	ng		55
17) 2-Methylphenol	7.05	107	141123	26.701	ng	#	83
18) Hexachloroethane	7.27	117	85959	35.783	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	171207	41.561	ng	#	85
20) 3+4-Methylphenols	7.20	107	168035	27.305	ng	#	78
22) Acetophenone	7.19	105	361128	41.189	ng	#	91
24) Nitrobenzene	7.36	77	254773	42.276	ng		93
25) Isophorone	7.60	82	485290	44.714	ng		96
26) 2-Nitrophenol	7.68	139	147133	42.627	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	196568	38.651	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	320129	42.117	ng		100
29) 2,4-Dichlorophenol	7.93	162	220718	41.778	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	223121	39.526	ng		98
31) Naphthalene	8.07	128	748499	40.269	ng		99
32) Benzoic acid	7.85	122	32520	7.265	ng		90
33) 4-Chloroaniline	8.14	127	203747	26.546	ng	#	93
34) Hexachlorobutadiene	8.18	225	108530	37.379	ng		97
35) Caprolactam	8.53	113	9800	5.899	ng	#	81
36) 4-Chloro-3-methylphenol	8.62	107	196303	36.404	ng		94
37) 2-Methylnaphthalene	8.76	142	519014	41.667	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	217840	38.914	ng	#	98
40) Hexachlorocyclopentadiene	8.90	237	17634	26.943	ng		94

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	9.06	196	139575	41.220	ng		100
43) 2,4,5-Trichlorophenol	9.11	196	138260	38.477	ng	#	90
45) 1,1'-Biphenyl	9.23	154	616643	39.327	ng		99
46) 2-Chloronaphthalene	9.26	162	477248	41.911	ng		96
47) 2-Nitroaniline	9.37	65	123745	41.405	ng		88
48) Acenaphthylene	9.67	152	703622	40.118	ng		100
49) Dimethylphthalate	9.53	163	545658	39.754	ng		100
50) 2,6-Dinitrotoluene	9.61	165	125524	43.502	ng	#	91
51) Acenaphthene	9.85	154	422886	39.461	ng		98
52) 3-Nitroaniline	9.79	138	99029	29.126	ng		89
53) 2,4-Dinitrophenol	9.92	184	53372	49.235	ng	#	79
54) Dibenzofuran	10.02	168	640599	42.348	ng		97
55) 4-Nitrophenol	10.02	139	259732	146.206	ng	#	11
56) 2,4-Dinitrotoluene	10.03	165	161741	46.544	ng	#	78
57) Fluorene	10.36	166	500453	39.957	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	105030	41.689	ng	#	88
59) Diethylphthalate	10.23	149	535652	39.962	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	235167	39.896	ng		93
61) 4-Nitroaniline	10.41	138	113345	34.942	ng		82
62) Azobenzene	10.51	77	454449	40.445	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	42403	24.126	ng	#	74
65) n-Nitrosodiphenylamine	10.47	169	436295	42.271	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	136942	46.523	ng		93
67) Hexachlorobenzene	10.91	284	130837	43.447	ng		94
68) Atrazine	11.00	200	141062	45.498	ng		98
69) Pentachlorophenol	11.12	266	79955	62.136	ng		98
70) Phenanthrene	11.33	178	671936	42.583	ng		98
71) Anthracene	11.38	178	690534	43.113	ng		98
72) Carbazole	11.54	167	621141	41.239	ng		99
73) Di-n-butylphthalate	11.84	149	812319	42.283	ng		99
74) Fluoranthene	12.52	202	594234	36.237	ng		98
76) Benzidine	12.64	184	117374	17.249	ng		97
77) Pyrene	12.74	202	584421	49.422	ng		99
79) Butylbenzylphthalate	13.34	149	279825	48.055	ng		92
80) Benzo(a)anthracene	13.94	228	417043	42.303	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	120250	33.603	ng		96
82) Chrysene	13.98	228	410111	44.249	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	357267	43.690	ng		99
84) Di-n-octyl phthalate	14.51	149	568023	40.471	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.89	276	400139	47.029	ng		97
87) Benzo(b)fluoranthene	14.99	252	430573	41.920	ng		99
88) Benzo(k)fluoranthene	15.02	252	396744	40.963	ng		98
89) Benzo(a)pyrene	15.36	252	404242	43.814	ng		100
90) Dibenzo(a,h)anthracene	16.87	278	345700	42.167	ng		97
91) Benzo(g,h,i)perylene	17.33	276	326582	40.717	ng		98

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

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