Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012617\
Data File : BF092540.D
Acq On : 26 Jan 2017 22:20
Operator : SJ/MA
Sample : I1448-09MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Manual Integrations APPROVED
mohammad
1/27/2017 3:03:10 PM

Quant Time: Feb 03 10:26:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156546	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	656650	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	310134	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	590981	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	404072	20.00	ng		-0.01
86) Perylene-d12	15.63	264	15418	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1302979	129.50	ng		0.03
7) Phenol-d6	6.60	99	1517342	118.39	ng		0.01
23) Nitrobenzene-d5	7.54	82	1095894	91.16	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	366493	173.41	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1820625	108.55	ng		-0.01
78) Terphenyl-d14	13.11	244	1569450	103.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	179808	33.60	ng	#	71
3) Pyridine	3.80	79	12344m	0.81	ng		
4) n-Nitrosodimethylamine	3.47	42	248443	33.24	ng	#	87
6) Aniline	6.65	93	19312	1.01	ng	#	48
8) 2-Chlorophenol	6.75	128	440354	41.67	ng		90
9) Benzaldehyde	6.51	77	250992	27.60	ng		88
10) Phenol	6.61	94	619210	40.03	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	493948	42.68	ng		95
12) 1,3-Dichlorobenzene	6.91	146	488384m	39.07	ng		
13) 1,4-Dichlorobenzene	6.99	146	499349	39.69	ng		93
14) 1,2-Dichlorobenzene	7.14	146	442576	37.08	ng		99
15) Benzyl Alcohol	7.10	79	110213	11.41	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.25	45	884773	38.64	ng		93
17) 2-Methylphenol	7.22	107	374792	41.50	ng		96
18) Hexachloroethane	7.48	117	165559	38.20	ng		91
19) n-Nitroso-di-n-propylamine	7.39	70	375463	43.02	ng		96
20) 3+4-Methylphenols	7.38	107	458989	41.89	ng		90
22) Acetophenone	7.38	105	667974	42.71	ng	#	88
24) Nitrobenzene	7.55	77	507927	40.33	ng		100
25) Isophorone	7.80	82	1028001	43.40	ng		98
26) 2-Nitrophenol	7.87	139	254295	48.19	ng		93
27) 2,4-Dimethylphenol	7.92	122	449955	41.00	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	231609	14.90	ng	#	97
29) 2,4-Dichlorophenol	8.12	162	446695	46.94	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	412439	40.10	ng		96
31) Naphthalene	8.28	128	1329432	39.56	ng		99
32) Benzoic acid	8.03	122	381075	46.60	ng		94
33) 4-Chloroaniline	8.36	127	5503	0.39	ng		93
34) Hexachlorobutadiene	8.41	225	223050	39.65	ng		98
35) Caprolactam	8.70	113	97395m	30.65	ng		
36) 4-Chloro-3-methylphenol	8.82	107	479160	46.70	ng		91
37) 2-Methylnaphthalene	8.98	142	899856	42.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	422842	54.05	ng		99
40) Hexachlorocyclopentadiene	9.14	237	406757	103.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	350787	58.53	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	309439	56.42	ng		92
45) 1,1'-Biphenyl	9.45	154	1129377	50.38	ng		97
46) 2-Chloronaphthalene	9.47	162	880344	48.08	ng		95
47) 2-Nitroaniline	9.56	65	129937	21.07	ng		89
48) Acenaphthylene	9.89	152	861093	32.06	ng		98
49) Dimethylphthalate	9.76	163	1212048	61.46	ng		100
50) 2,6-Dinitrotoluene	9.81	165	285386	70.80	ng		95
51) Acenaphthene	10.06	154	908102	54.42	ng		97
52) 3-Nitroaniline	9.97	138	28116	5.57	ng		93
53) 2,4-Dinitrophenol	10.09	184	276563	93.27	ng	#	69
54) Dibenzofuran	10.24	168	1220336	53.85	ng		97
55) 4-Nitrophenol	10.14	139	419533	104.64	ng		93
56) 2,4-Dinitrotoluene	10.21	165	316825	59.21	ng		92
57) Fluorene	10.58	166	915874	54.51	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	245622	59.78	ng		100
59) Diethylphthalate	10.45	149	1057635	55.93	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	429575	52.71	ng		95
61) 4-Nitroaniline	10.59	138	74337	14.72	ng		91
62) Azobenzene	10.73	77	815280	37.88	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	215324	65.59	ng		87
65) n-Nitrosodiphenylamine	10.69	169	78512	4.25	ng		98
66) 4-Bromophenyl-phenylether	11.06	248	265675	44.52	ng		94
67) Hexachlorobenzene	11.13	284	278289	46.14	ng	#	92
68) Atrazine	11.32	200	73581	11.65	ng	#	36
69) Pentachlorophenol	11.32	266	352725	91.47	ng		98
70) Phenanthrene	11.54	178	1412368	43.40	ng		99
71) Anthracene	11.60	178	1429922	44.96	ng		99
72) Carbazole	11.74	167	91454	3.01	ng		96
73) Di-n-butylphthalate	12.08	149	1646817	47.42	ng		98
74) Fluoranthene	12.73	202	1347681	42.34	ng		98
77) Pyrene	12.96	202	871654	29.77	ng		100
79) Butylbenzylphthalate	13.57	149	365023	30.77	ng		98
80) Benzo(a)anthracene	14.15	228	1004028	46.23	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	1302	0.16	ng	#	41
82) Chrysene	14.19	228	1174943	50.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	957378	64.09	ng		100
84) Di-n-octyl phthalate	14.75	149	1677663	61.87	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	369053	21.51	ng	#	72
87) Benzo(b)fluoranthene	15.21	252	1006405m	1016.77	ng		
88) Benzo(k)fluoranthene	15.23	252	544317m	661.35	ng		
89) Benzo(a)pyrene	15.57	252	351286	419.53	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	625689	924.08	ng		97
91) Benzo(g,h,i)perylene	17.56	276	297160	433.97	ng	#	91

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

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