Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093373.D
Acq On : 3 Mar 2017 21:56
Operator : SJ/MA
Sample : I2086-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:30 PM

Quant Time: Mar 03 23:09:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:55:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	197439	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	797734	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	369989	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	659347	20.00	ng		0.00
75) Chrysene-d12	13.95	240	500275	20.00	ng		0.00
86) Perylene-d12	15.36	264	364294	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	725471	63.04	ng		0.00
7) Phenol-d6	6.43	99	591703	39.96	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1315028	91.80	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	377089	140.92	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1794888	87.89	ng		0.00
78) Terphenyl-d14	12.89	244	1467889	68.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	95828	15.41	ng	#	85
3) Pyridine	3.07	79	201800	12.76	ng	#	86
4) n-Nitrosodimethylamine	3.00	42	125264	16.87	ng	#	88
6) Aniline	6.44	93	424435	21.01	ng	#	67
8) 2-Chlorophenol	6.57	128	440269	34.68	ng		86
9) Benzaldehyde	6.33	77	160115	15.09	ng		84
10) Phenol	6.45	94	254566	14.69	ng	#	76
11) bis(2-Chloroethyl)ether	6.52	93	571346	41.32	ng		96
12) 1,3-Dichlorobenzene	6.72	146	519741	34.95	ng	#	89
13) 1,4-Dichlorobenzene	6.80	146	534316	35.50	ng		99
14) 1,2-Dichlorobenzene	6.96	146	515258	35.80	ng		97
15) Benzyl Alcohol	6.94	79	279808	25.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	932386	38.81	ng		87
17) 2-Methylphenol	7.06	107	302263	27.75	ng	#	91
18) Hexachloroethane	7.30	117	175961	34.25	ng	#	88
19) n-Nitroso-di-n-propylamine	7.21	70	422807	44.86	ng		93
20) 3+4-Methylphenols	7.22	107	377685	29.00	ng	#	77
22) Acetophenone	7.21	105	807714	44.35	ng	#	96
24) Nitrobenzene	7.38	77	586241	39.85	ng		100
25) Isophorone	7.62	82	1183221	44.33	ng		95
26) 2-Nitrophenol	7.70	139	321780	46.02	ng		95
27) 2,4-Dimethylphenol	7.74	122	474858	38.67	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	776684	43.93	ng		100
29) 2,4-Dichlorophenol	7.95	162	446305	38.97	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	453813	36.77	ng		96
31) Naphthalene	8.10	128	1554599	38.44	ng		98
32) Benzoic acid	7.86	122	80352	16.99	ng		95
33) 4-Chloroaniline	8.16	127	374441	23.61	ng		99
34) Hexachlorobutadiene	8.21	225	231987	34.16	ng		97
35) Caprolactam	8.54	113	24186	6.71	ng	#	51
36) 4-Chloro-3-methylphenol	8.65	107	474972	39.78	ng		94
37) 2-Methylnaphthalene	8.78	142	971684	37.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	469139	45.17	ng		99
40) Hexachlorocyclopentadiene	8.93	237	211592	45.16	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	313973	46.01	ng		91
43) 2,4,5-Trichlorophenol	9.13	196	331551	44.34	ng	#	86
45) 1,1'-Biphenyl	9.25	154	1306905	48.78	ng		99
46) 2-Chloronaphthalene	9.28	162	980807	46.80	ng		97
47) 2-Nitroaniline	9.38	65	340052	48.26	ng		92
48) Acenaphthylene	9.69	152	1413156	39.03	ng		99
49) Dimethylphthalate	9.56	163	1330883	53.40	ng		100
50) 2,6-Dinitrotoluene	9.63	165	293053	54.45	ng	#	86
51) Acenaphthene	9.86	154	873667	40.36	ng		96
52) 3-Nitroaniline	9.79	138	148586	24.12	ng		91
53) 2,4-Dinitrophenol	9.92	184	260361	94.20	ng	#	76
54) Dibenzofuran	10.03	168	1216663	42.02	ng		96
55) 4-Nitrophenol	9.98	139	86761	19.56	ng		89
56) 2,4-Dinitrotoluene	10.03	165	288362	40.24	ng	#	71
57) Fluorene	10.37	166	980753	44.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	255539	51.23	ng		95
59) Diethylphthalate	10.25	149	1070959	45.60	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	446016	41.68	ng		92
61) 4-Nitroaniline	10.41	138	237971	37.72	ng		94
62) Azobenzene	10.52	77	1255398	51.74	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	174894	43.82	ng		91
65) n-Nitrosodiphenylamine	10.49	169	860108	40.84	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	300031	43.55	ng		92
67) Hexachlorobenzene	10.92	284	276126	40.56	ng	#	88
68) Atrazine	11.01	200	292417	43.26	ng		98
69) Pentachlorophenol	11.13	266	241348	69.70	ng		98
70) Phenanthrene	11.33	178	1433591	37.95	ng		99
71) Anthracene	11.39	178	1646635	43.41	ng		98
72) Carbazole	11.55	167	1485288	40.96	ng		98
73) Di-n-butylphthalate	11.87	149	1870954	47.71	ng	#	97
74) Fluoranthene	12.52	202	1601908	41.11	ng		96
76) Benzidine	12.65	184	470150	22.05	ng		96
77) Pyrene	12.75	202	1568319	41.89	ng		99
79) Butylbenzylphthalate	13.36	149	737312	48.50	ng		95
80) Benzo(a)anthracene	13.94	228	1225162	40.04	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	288779	26.48	ng		98
82) Chrysene	13.97	228	1086437	37.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	926725	44.57	ng		98
84) Di-n-octyl phthalate	14.52	149	1479932	43.71	ng		98
85) Indeno(1,2,3-cd)pyrene	16.74	276	879130	39.62	ng	#	94
87) Benzo(b)fluoranthene	14.96	252	1254852m	52.33	ng		
88) Benzo(k)fluoranthene	14.99	252	672550m	32.49	ng		
89) Benzo(a)pyrene	15.30	252	894302	43.12	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	738046	44.03	ng	#	93
91) Benzo(g,h,i)perylene	17.15	276	779777	46.05	ng	#	91

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

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