Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096398.D
Acq On : 2 Jul 2017 00:16
Operator : SJ/MA
Sample : I3959-10MSD 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Manual Integrations APPROVED
mohammad
7/3/2017 4:03:55 PM

Quant Time: Jul 03 03:45:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	98007	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	356890	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	131685	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	230830	20.00	ng		0.00
75) Chrysene-d12	13.87	240	213555	20.00	ng		0.00
86) Perylene-d12	15.29	264	140784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	191839	28.89	ng		0.00
7) Phenol-d6	6.36	99	272040	33.33	ng		-0.01
23) Nitrobenzene-d5	7.29	82	146275	24.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	6663	6.48	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	261421	33.94	ng		-0.01
78) Terphenyl-d14	12.83	244	227967	22.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	32111	10.198	ng	#	78
3) Pyridine	3.11	79	72011	8.336	ng	#	63
4) n-Nitrosodimethylamine	3.02	42	44039	10.328	ng	#	84
6) Aniline	6.39	93	88265	8.366	ng		96
8) 2-Chlorophenol	6.52	128	68290	9.644	ng		98
9) Benzaldehyde	6.27	77	29768	5.827	ng		94
10) Phenol	6.37	94	97305	10.463	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	72677	10.112	ng		92
12) 1,3-Dichlorobenzene	6.67	146	82507	11.113	ng		97
13) 1,4-Dichlorobenzene	6.75	146	84751	11.420	ng		93
14) 1,2-Dichlorobenzene	6.90	146	79588	11.681	ng		96
15) Benzyl Alcohol	6.87	79	56973	10.441	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	149026	10.200	ng		91
17) 2-Methylphenol	6.99	107	57736	10.231	ng		90
18) Hexachloroethane	7.25	117	19990	7.430	ng	#	84
19) n-Nitroso-di-n-propylamine	7.14	70	47633	9.795	ng	#	80
20) 3+4-Methylphenols	7.14	107	69742	11.080	ng		92
22) Acetophenone	7.14	105	97183	12.462	ng	#	96
24) Nitrobenzene	7.30	77	66903	10.738	ng		97
25) Isophorone	7.55	82	117334	10.189	ng		95
26) 2-Nitrophenol	7.63	139	11368	3.447	ng	#	87
27) 2,4-Dimethylphenol	7.67	122	63396	11.290	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	84118	11.066	ng		98
29) 2,4-Dichlorophenol	7.87	162	40562	8.372	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	54657	11.960	ng		99
31) Naphthalene	8.03	128	200333	11.890	ng		99
33) 4-Chloroaniline	8.08	127	66046	9.437	ng		95
34) Hexachlorobutadiene	8.16	225	28320	12.082	ng		97
35) Caprolactam	8.40	113	14017	8.390	ng	#	67
36) 4-Chloro-3-methylphenol	8.56	107	46484	8.671	ng		92
37) 2-Methylnaphthalene	8.73	142	125956	11.744	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	44297	12.955	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	12480	4.614	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	18357	6.864	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.19	154	135957	12.050	ng		98
46) 2-Chloronaphthalene	9.21	162	102339	12.171	ng		96
47) 2-Nitroaniline	9.30	65	33202	10.852	ng		96
48) Acenaphthylene	9.63	152	157586	11.827	ng		99
49) Dimethylphthalate	9.49	163	150661	15.326	ng		99
50) 2,6-Dinitrotoluene	9.55	165	19193	8.829	ng		93
51) Acenaphthene	9.80	154	92460	11.258	ng		99
52) 3-Nitroaniline	9.70	138	31954	11.785	ng		97
54) Dibenzofuran	9.97	168	138598	12.782	ng		98
55) 4-Nitrophenol	9.87	139	24324	10.824	ng	#	76
56) 2,4-Dinitrotoluene	9.95	165	21778	7.911	ng	#	93
57) Fluorene	10.31	166	105795	13.815	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	6182m	3.341	ng		
59) Diethylphthalate	10.19	149	111061	11.953	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	45643	13.699	ng		91
61) 4-Nitroaniline	10.31	138	32641	13.240	ng		86
62) Azobenzene	10.46	77	100032	11.134	ng		94
65) n-Nitrosodiphenylamine	10.42	169	94973	11.726	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	25750	11.460	ng		97
67) Hexachlorobenzene	10.86	284	27926	11.353	ng	#	90
68) Atrazine	10.95	200	26839	11.599	ng		91
69) Pentachlorophenol	11.05	266	6700	4.596	ng		92
70) Phenanthrene	11.27	178	167648	13.435	ng		98
71) Anthracene	11.32	178	167286	13.156	ng		97
72) Carbazole	11.47	167	160002	12.512	ng		97
73) Di-n-butylphthalate	11.82	149	185759	11.993	ng	#	98
74) Fluoranthene	12.45	202	188923	15.442	ng		95
76) Benzidine	12.57	184	84872	8.283	ng	#	94
77) Pyrene	12.68	202	201579	11.760	ng		99
79) Butylbenzylphthalate	13.30	149	89878	10.358	ng	#	82
80) Benzo(a)anthracene	13.86	228	155829	12.601	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	48534	9.555	ng	#	93
82) Chrysene	13.90	228	151135	11.670	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	118855	12.271	ng		100
84) Di-n-octyl phthalate	14.48	149	213171	11.176	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	88959	8.702	ng		93
87) Benzo(b)fluoranthene	14.88	252	122095m	13.841	ng		
88) Benzo(k)fluoranthene	14.91	252	100694m	12.761	ng		
89) Benzo(a)pyrene	15.23	252	100141	12.715	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	72725	11.738	ng	#	93
91) Benzo(g,h,i)perylene	17.06	276	77593	12.086	ng		97

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

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