Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096846.D
Acq On : 18 Jul 2017 14:26
Operator : SJ/JU
Sample : I4223-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMSD

Manual Integrations APPROVED
mohammad
7/19/2017 2:31:17 PM

Quant Time: Jul 18 17:02:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	116184	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	537143	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	265610	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	435820	20.00	ng		0.00
75) Chrysene-d12	13.73	240	233556	20.00	ng		0.00
86) Perylene-d12	15.10	264	213349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	752297	97.36	ng		0.02
7) Phenol-d6	6.26	99	925156	99.77	ng		0.00
23) Nitrobenzene-d5	7.17	82	580360	66.92	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	207131	91.36	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	1086814	64.65	ng		0.00
78) Terphenyl-d14	12.69	244	829331	61.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	102730	25.837	ng	#	73
3) Pyridine	2.90	79	195199	23.360	ng	#	61
4) n-Nitrosodimethylamine	2.83	42	161528	34.567	ng	#	78
6) Aniline	6.26	93	274193	24.006	ng	#	35
8) 2-Chlorophenol	6.39	128	284044	34.074	ng		98
9) Benzaldehyde	6.14	77	125000	23.323	ng		100
10) Phenol	6.27	94	348149	33.212	ng		88
11) bis(2-Chloroethyl)ether	6.35	93	267964	33.994	ng		93
12) 1,3-Dichlorobenzene	6.54	146	295098	33.303	ng		98
13) 1,4-Dichlorobenzene	6.62	146	299043	33.325	ng		96
14) 1,2-Dichlorobenzene	6.77	146	279825	34.284	ng		98
15) Benzyl Alcohol	6.75	79	223323	36.786	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	563196	34.620	ng		96
17) 2-Methylphenol	6.87	107	225537	34.792	ng		95
18) Hexachloroethane	7.11	117	109074	34.279	ng	#	84
19) n-Nitroso-di-n-propylamine	7.03	70	196910	35.248	ng	#	85
20) 3+4-Methylphenols	7.03	107	288575	36.685	ng	#	67
22) Acetophenone	7.02	105	394954	32.898	ng	#	98
24) Nitrobenzene	7.19	77	287798	32.089	ng	#	88
25) Isophorone	7.43	82	595431	36.910	ng		96
26) 2-Nitrophenol	7.50	139	175928	35.278	ng		93
27) 2,4-Dimethylphenol	7.55	122	289988	35.346	ng		96
28) bis(2-Chloroethoxy)methane	7.65	93	386167	35.425	ng		100
29) 2,4-Dichlorophenol	7.75	162	268057	36.095	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	248651	35.215	ng		96
31) Naphthalene	7.90	128	895037	35.175	ng		99
32) Benzoic acid	7.65	122	30736	5.862	ng		86
33) 4-Chloroaniline	7.96	127	245182	24.320	ng		97
34) Hexachlorobutadiene	8.03	225	124427	33.010	ng		97
35) Caprolactam	8.33	113	81678m	34.325	ng		
36) 4-Chloro-3-methylphenol	8.45	107	285815	35.793	ng		87
37) 2-Methylnaphthalene	8.60	142	601375	37.071	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	218513	30.433	ng		99
40) Hexachlorocyclopentadiene	8.75	237	195507	72.871	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	154037	29.084	ng		97
43) 2,4,5-Trichlorophenol	8.92	196	169913	31.810	ng		96
45) 1,1'-Biphenyl	9.06	154	681302	29.908	ng		99
46) 2-Chloronaphthalene	9.08	162	544733	32.475	ng		93
47) 2-Nitroaniline	9.18	65	193941	33.636	ng		94
48) Acenaphthylene	9.49	152	868410	32.492	ng		100
49) Dimethylphthalate	9.37	163	866924	43.347	ng		100
50) 2,6-Dinitrotoluene	9.43	165	143591	33.147	ng	#	90
51) Acenaphthene	9.67	154	507171	32.123	ng		99
52) 3-Nitroaniline	9.59	138	138055	26.902	ng		88
53) 2,4-Dinitrophenol	9.70	184	95954	47.707	ng	#	76
54) Dibenzofuran	9.84	168	722206	32.642	ng		99
55) 4-Nitrophenol	9.77	139	204375	54.513	ng	#	69
56) 2,4-Dinitrotoluene	9.83	165	183634	32.989	ng	#	69
57) Fluorene	10.18	166	532683	32.581	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	121825	32.886	ng		98
59) Diethylphthalate	10.06	149	606757	31.164	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	227710	30.920	ng		92
61) 4-Nitroaniline	10.20	138	164862	34.211	ng		92
62) Azobenzene	10.33	77	561720	32.704	ng		92
64) 4,6-Dinitro-2-methylphenol	10.24	198	92111	33.662	ng		90
65) n-Nitrosodiphenylamine	10.29	169	481604	30.914	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	152336	34.236	ng		98
67) Hexachlorobenzene	10.73	284	165483	33.392	ng	#	90
68) Atrazine	10.83	200	153996	34.696	ng		97
69) Pentachlorophenol	10.92	266	136837	57.156	ng		98
70) Phenanthrene	11.13	178	802060	33.846	ng		99
71) Anthracene	11.19	178	832348	34.740	ng		97
72) Carbazole	11.34	167	780911	33.657	ng		98
73) Di-n-butylphthalate	11.68	149	941813	32.594	ng		98
74) Fluoranthene	12.31	202	734236	32.371	ng		99
76) Benzidine	12.43	184	154697	20.218	ng	#	93
77) Pyrene	12.54	202	729376	34.410	ng		99
79) Butylbenzylphthalate	13.17	149	377633	37.497	ng		88
80) Benzo(a)anthracene	13.72	228	516356	35.483	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	125235	23.932	ng	#	95
82) Chrysene	13.76	228	507256	35.408	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	460725	37.565	ng	#	99
84) Di-n-octyl phthalate	14.34	149	805945	39.753	ng		96
85) Indeno(1,2,3-cd)pyrene	16.39	276	449330	34.447	ng		99
87) Benzo(b)fluoranthene	14.73	252	468462	36.407	ng		98
88) Benzo(k)fluoranthene	14.75	252	387652	31.815	ng		96
89) Benzo(a)pyrene	15.04	252	414854	35.152	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	370400	34.109	ng		99
91) Benzo(g,h,i)perylene	16.77	276	383506	32.979	ng		98

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

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