Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096377.D
Acq On : 1 Jul 2017 14:24
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF070117

Manual Integrations APPROVED
mohammad
7/3/2017 4:02:39 PM

Quant Time: Jul 03 02:00:08 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	168265	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	716826	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	274425	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	498341	20.00	ng		0.00
75) Chrysene-d12	13.88	240	322545	20.00	ng		0.00
86) Perylene-d12	15.29	264	275962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	775652	68.04	ng		0.00
7) Phenol-d6	6.37	99	1100335	78.51	ng		0.00
23) Nitrobenzene-d5	7.30	82	951819	79.79	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	185524	86.55	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1372094	85.49	ng		0.00
78) Terphenyl-d14	12.83	244	1206486	79.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	195649	36.193	ng	#	78
3) Pyridine	3.13	79	544456	36.708	ng	#	68
4) n-Nitrosodimethylamine	3.07	42	270513	36.951	ng		88
6) Aniline	6.40	93	718330	39.656	ng		98
8) 2-Chlorophenol	6.52	128	475496	39.112	ng		93
9) Benzaldehyde	6.28	77	352613	40.201	ng		96
10) Phenol	6.39	94	627937	39.328	ng		86
11) bis(2-Chloroethyl)ether	6.47	93	491198	39.808	ng		92
12) 1,3-Dichlorobenzene	6.67	146	501644	39.354	ng		96
13) 1,4-Dichlorobenzene	6.75	146	500868m	39.312	ng		
14) 1,2-Dichlorobenzene	6.91	146	457318	39.093	ng		97
15) Benzyl Alcohol	6.88	79	375048	40.032	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1014797	40.455	ng		92
17) 2-Methylphenol	6.99	107	386652	39.908	ng		98
18) Hexachloroethane	7.25	117	183043	39.628	ng	#	80
19) n-Nitroso-di-n-propylamine	7.16	70	326904	39.153	ng	#	85
20) 3+4-Methylphenols	7.15	107	427806	39.588	ng		97
22) Acetophenone	7.15	105	594111	37.931	ng	#	91
24) Nitrobenzene	7.32	77	503266	40.215	ng		90
25) Isophorone	7.56	82	917436	39.666	ng		97
26) 2-Nitrophenol	7.63	139	270723	40.872	ng	#	86
27) 2,4-Dimethylphenol	7.68	122	434984	38.568	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	606097	39.697	ng		100
29) 2,4-Dichlorophenol	7.87	162	383543	39.415	ng		93
30) 1,2,4-Trichlorobenzene	7.96	180	358526	39.059	ng		99
31) Naphthalene	8.04	128	1309973	38.710	ng		99
32) Benzoic acid	7.81	122	343639	36.279	ng		95
33) 4-Chloroaniline	8.09	127	550147	39.139	ng		99
34) Hexachlorobutadiene	8.16	225	179463	38.118	ng		97
35) Caprolactam	8.46	113	128905	38.416	ng	#	55
36) 4-Chloro-3-methylphenol	8.57	107	414745	38.519	ng		93
37) 2-Methylnaphthalene	8.73	142	819419	38.039	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	299050	41.969	ng		99
40) Hexachlorocyclopentadiene	8.89	237	157210	45.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	235217	41.728	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	239234	42.924	ng		99
45) 1,1'-Biphenyl	9.20	154	980190	41.687	ng		97
46) 2-Chloronaphthalene	9.22	162	738957	42.171	ng		95
47) 2-Nitroaniline	9.31	65	272866	42.796	ng		94
48) Acenaphthylene	9.63	152	1088978	39.220	ng		99
49) Dimethylphthalate	9.50	163	805026	39.296	ng		100
50) 2,6-Dinitrotoluene	9.56	165	184146	40.648	ng	#	90
51) Acenaphthene	9.80	154	686916	40.135	ng		100
52) 3-Nitroaniline	9.72	138	220454	39.016	ng		88
53) 2,4-Dinitrophenol	9.83	184	101477	42.174	ng	#	67
54) Dibenzofuran	9.97	168	909486	40.249	ng		100
55) 4-Nitrophenol	9.88	139	187910	40.124	ng	#	71
56) 2,4-Dinitrotoluene	9.96	165	243767	42.491	ng	#	91
57) Fluorene	10.32	166	704702	44.157	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	169751	44.022	ng	#	98
59) Diethylphthalate	10.20	149	830237	42.876	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	296389	42.685	ng		97
61) 4-Nitroaniline	10.33	138	226677	44.120	ng		89
62) Azobenzene	10.47	77	826364	44.135	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	145017	42.195	ng		91
65) n-Nitrosodiphenylamine	10.43	169	687619	39.326	ng		97
66) 4-Bromophenyl-phenylether	10.80	248	193925	39.975	ng		99
67) Hexachlorobenzene	10.87	284	211237	39.778	ng	#	89
68) Atrazine	10.96	200	193815	38.799	ng		92
69) Pentachlorophenol	11.06	266	135154	42.942	ng		98
70) Phenanthrene	11.27	178	1028181	38.167	ng		99
71) Anthracene	11.33	178	1059666	38.601	ng		99
72) Carbazole	11.47	167	1073602	38.888	ng		99
73) Di-n-butylphthalate	11.82	149	1307241	39.093	ng		99
74) Fluoranthene	12.46	202	1009405	38.217	ng		97
76) Benzidine	12.57	184	604175	39.038	ng		100
77) Pyrene	12.69	202	1035109	39.981	ng		99
79) Butylbenzylphthalate	13.31	149	544530	41.549	ng	#	84
80) Benzo(a)anthracene	13.87	228	752330	40.279	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	307810	40.124	ng	#	97
82) Chrysene	13.90	228	790576	40.418	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	586569	40.096	ng		99
84) Di-n-octyl phthalate	14.48	149	1174934	40.784	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.66	276	601815	38.979	ng		95
87) Benzo(b)fluoranthene	14.89	252	668019	38.632	ng		97
88) Benzo(k)fluoranthene	14.92	252	656760	42.460	ng		97
89) Benzo(a)pyrene	15.23	252	621374	40.250	ng	#	97
90) Dibenzo(a,h)anthracene	16.67	278	486887	40.089	ng		96
91) Benzo(g,h,i)perylene	17.07	276	498834	39.637	ng		98

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

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