Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096726.D
Acq On : 13 Jul 2017 14:30
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071317

Manual Integrations APPROVED
mohammad
7/17/2017 8:11:03 AM

Quant Time: Jul 13 15:01:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	111467	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	508521	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	221811	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	360677	20.00	ng		0.00
75) Chrysene-d12	13.77	240	200734	20.00	ng		0.00
86) Perylene-d12	15.16	264	172225	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	621872	83.88	ng		0.00
7) Phenol-d6	6.28	99	745011	83.74	ng		0.00
23) Nitrobenzene-d5	7.20	82	662490	80.70	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	144492	76.32	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1079174	76.87	ng		0.00
78) Terphenyl-d14	12.73	244	911851	78.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	159639	41.849	ng	#	77
3) Pyridine	2.92	79	348277	43.444	ng	#	62
4) n-Nitrosodimethylamine	2.87	42	187793	41.888	ng		79
6) Aniline	6.30	93	472762	43.142	ng	#	53
8) 2-Chlorophenol	6.42	128	338877	42.372	ng		95
9) Benzaldehyde	6.18	77	221423	43.062	ng		99
10) Phenol	6.29	94	423949	42.155	ng	#	69
11) bis(2-Chloroethyl)ether	6.38	93	330639	43.720	ng		95
12) 1,3-Dichlorobenzene	6.58	146	362246	42.611	ng		97
13) 1,4-Dichlorobenzene	6.66	146	361646	42.007	ng		98
14) 1,2-Dichlorobenzene	6.81	146	339231	43.321	ng		97
15) Benzyl Alcohol	6.79	79	257434	44.199	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.92	45	692382	44.362	ng		92
17) 2-Methylphenol	6.90	107	270902	43.559	ng		98
18) Hexachloroethane	7.15	117	130873	42.870	ng	#	84
19) n-Nitroso-di-n-propylamine	7.06	70	223625	41.724	ng	#	86
20) 3+4-Methylphenols	7.06	107	316104	41.886	ng		91
22) Acetophenone	7.05	105	438198	38.555	ng		95
24) Nitrobenzene	7.22	77	346659	40.827	ng		94
25) Isophorone	7.47	82	615197	40.281	ng		95
26) 2-Nitrophenol	7.54	139	186237	39.447	ng		90
27) 2,4-Dimethylphenol	7.59	122	308997	39.783	ng		95
28) bis(2-Chloroethoxy)methane	7.68	93	412335	39.954	ng		99
29) 2,4-Dichlorophenol	7.78	162	273410	38.888	ng		94
30) 1,2,4-Trichlorobenzene	7.86	180	261604	39.135	ng		98
31) Naphthalene	7.95	128	945777	39.261	ng		99
32) Benzoic acid	7.72	122	214439	43.197	ng		93
33) 4-Chloroaniline	7.99	127	385941	40.437	ng		99
34) Hexachlorobutadiene	8.07	225	129994	36.428	ng		97
35) Caprolactam	8.37	113	90845	40.326	ng	#	67
36) 4-Chloro-3-methylphenol	8.48	107	297697	39.379	ng		88
37) 2-Methylnaphthalene	8.63	142	598165	38.948	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	232022	38.696	ng		99
40) Hexachlorocyclopentadiene	8.79	237	85181	40.402	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	175641	39.712	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	174315	39.078	ng		99
45) 1,1'-Biphenyl	9.10	154	749750	39.412	ng		97
46) 2-Chloronaphthalene	9.12	162	549506	39.228	ng		94
47) 2-Nitroaniline	9.22	65	194631	40.421	ng		94
48) Acenaphthylene	9.53	152	858455	38.462	ng		99
49) Dimethylphthalate	9.40	163	650566	38.952	ng		99
50) 2,6-Dinitrotoluene	9.46	165	145333	40.174	ng	#	90
51) Acenaphthene	9.70	154	504757	38.283	ng		99
52) 3-Nitroaniline	9.63	138	175433	40.936	ng	#	89
53) 2,4-Dinitrophenol	9.73	184	64266	39.596	ng	#	77
54) Dibenzofuran	9.87	168	711117	38.488	ng		99
55) 4-Nitrophenol	9.79	139	128805	41.140	ng	#	66
56) 2,4-Dinitrotoluene	9.86	165	183455	39.465	ng	#	75
57) Fluorene	10.22	166	530315	38.841	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	122106	39.471	ng		99
59) Diethylphthalate	10.10	149	623841	38.369	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	222998	37.770	ng		98
61) 4-Nitroaniline	10.24	138	160927	39.988	ng		91
62) Azobenzene	10.37	77	578576	40.337	ng		91
64) 4,6-Dinitro-2-methylphenol	10.27	198	94366	41.671	ng		83
65) n-Nitrosodiphenylamine	10.33	169	506561	39.290	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	144998	39.376	ng		94
67) Hexachlorobenzene	10.77	284	163053	39.756	ng	#	89
68) Atrazine	10.86	200	148666	40.474	ng		95
69) Pentachlorophenol	10.96	266	84772	42.786	ng		98
70) Phenanthrene	11.17	178	777430	39.642	ng		98
71) Anthracene	11.23	178	788462	39.764	ng		98
72) Carbazole	11.38	167	756021	39.373	ng		99
73) Di-n-butylphthalate	11.72	149	972403	40.663	ng		99
74) Fluoranthene	12.36	202	732885	39.043	ng		99
76) Benzidine	12.47	184	288519	43.874	ng		97
77) Pyrene	12.58	202	705068	38.702	ng		99
79) Butylbenzylphthalate	13.21	149	358303	82.789	ng	#	81
80) Benzo(a)anthracene	13.76	228	517077	41.342	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	181579	40.372	ng	#	96
82) Chrysene	13.80	228	503593	40.900	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	453745	43.045	ng		97
84) Di-n-octyl phthalate	14.39	149	731919	42.005	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.47	276	411667	36.400	ng		98
87) Benzo(b)fluoranthene	14.77	252	407134	39.196	ng		98
88) Benzo(k)fluoranthene	14.80	252	393793m	40.036	ng		
89) Benzo(a)pyrene	15.10	252	380692	39.960	ng		99
90) Dibenzo(a,h)anthracene	16.49	278	331247	37.787	ng		96
91) Benzo(g,h,i)perylene	16.86	276	367381	39.136	ng		99

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

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