Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089328.D
Acq On : 27 Jul 2016 14:51
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF072716

Manual Integrations APPROVED
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7/28/2016 4:55:57 PM

Quant Time: Jul 27 18:36:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	45740	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	198069	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	94837	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	185036	20.00	ng		0.00
75) Chrysene-d12	13.67	240	139210	20.00	ng		0.00
86) Perylene-d12	15.01	264	119994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	244478	85.34	ng		0.00
7) Phenol-d6	6.20	99	321281	84.87	ng		0.00
23) Nitrobenzene-d5	7.12	82	285286	85.02	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	70325	89.53	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	553801	85.70	ng		0.00
78) Terphenyl-d14	12.63	244	441808	74.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	51528	39.67	ng		98
3) Pyridine	2.56	79	123487	44.06	ng		99
4) n-Nitrosodimethylamine	2.54	42	45046	40.48	ng		96
6) Aniline	6.20	93	175398	42.91	ng		97
8) 2-Chlorophenol	6.33	128	140849	43.47	ng		99
9) Benzaldehyde	6.09	77	74246	40.17	ng		99
10) Phenol	6.22	94	185695	44.45	ng		99
11) bis(2-Chloroethyl)ether	6.30	93	145193	40.91	ng		99
12) 1,3-Dichlorobenzene	6.48	146	143708	42.40	ng		99
13) 1,4-Dichlorobenzene	6.56	146	156150	41.75	ng		99
14) 1,2-Dichlorobenzene	6.72	146	138815	39.62	ng		99
15) Benzyl Alcohol	6.71	79	104566	44.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	162170	41.89	ng		96
17) 2-Methylphenol	6.83	107	101239	40.42	ng	#	90
18) Hexachloroethane	7.05	117	58166	40.56	ng		98
19) n-Nitroso-di-n-propylamine	6.98	70	100206	43.90	ng		97
20) 3+4-Methylphenols	6.98	107	138451	43.05	ng		95
22) Acetophenone	6.97	105	203369	43.13	ng		98
24) Nitrobenzene	7.14	77	157802	41.32	ng		99
25) Isophorone	7.38	82	284249	42.05	ng		99
26) 2-Nitrophenol	7.46	139	68481	40.11	ng		98
27) 2,4-Dimethylphenol	7.51	122	114829	42.21	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	155482	41.55	ng		99
29) 2,4-Dichlorophenol	7.70	162	113769	45.90	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	119398	42.22	ng		99
31) Naphthalene	7.85	128	389059	39.67	ng		100
32) Benzoic acid	7.68	122	80844	42.65	ng		94
33) 4-Chloroaniline	7.92	127	153323	41.06	ng		99
34) Hexachlorobutadiene	7.98	225	67258	41.52	ng		99
35) Caprolactam	8.30	113	30830	41.21	ng		94
36) 4-Chloro-3-methylphenol	8.41	107	129871	44.09	ng		96
37) 2-Methylnaphthalene	8.55	142	246285	41.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	129979	39.16	ng		100
40) Hexachlorocyclopentadiene	8.70	237	33281	40.18	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	68618	43.49	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	81496	40.78	ng		98
45) 1,1'-Biphenyl	9.00	154	309183	38.29	ng		99
46) 2-Chloronaphthalene	9.03	162	247631	40.84	ng		100
47) 2-Nitroaniline	9.14	65	76653	42.68	ng		98
48) Acenaphthylene	9.44	152	404461	42.34	ng		99
49) Dimethylphthalate	9.32	163	308425	42.73	ng		99
50) 2,6-Dinitrotoluene	9.38	165	65127	43.92	ng	#	86
51) Acenaphthene	9.61	154	228714	41.00	ng		100
52) 3-Nitroaniline	9.55	138	70996	45.36	ng		96
53) 2,4-Dinitrophenol	9.67	184	20179	40.91	ng		95
54) Dibenzofuran	9.78	168	321868	42.35	ng		100
55) 4-Nitrophenol	9.74	139	28994m	41.28	ng		
56) 2,4-Dinitrotoluene	9.78	165	80987	41.48	ng	#	80
57) Fluorene	10.12	166	283882	42.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	55071	41.27	ng	#	91
59) Diethylphthalate	10.01	149	295553	40.39	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	122675	40.31	ng		98
61) 4-Nitroaniline	10.17	138	70472	43.68	ng		88
62) Azobenzene	10.27	77	296499	39.35	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	46176	41.95	ng		89
65) n-Nitrosodiphenylamine	10.24	169	230122	39.86	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	77323	43.77	ng		94
67) Hexachlorobenzene	10.66	284	68025	37.57	ng		91
68) Atrazine	10.78	200	74060	41.75	ng		98
69) Pentachlorophenol	10.87	266	32125	39.91	ng		99
70) Phenanthrene	11.07	178	394264	41.31	ng		100
71) Anthracene	11.13	178	410775	38.72	ng		99
72) Carbazole	11.29	167	358798	40.17	ng		99
73) Di-n-butylphthalate	11.63	149	486199	40.57	ng	#	97
74) Fluoranthene	12.25	202	417456	41.59	ng		98
76) Benzidine	12.39	184	208961	40.62	ng		99
77) Pyrene	12.48	202	421172	39.92	ng		99
79) Butylbenzylphthalate	13.11	149	194337	40.51	ng		91
80) Benzo(a)anthracene	13.66	228	318097	40.49	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	125414	44.36	ng	#	98
82) Chrysene	13.70	228	327263	39.14	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	277966	40.09	ng		100
84) Di-n-octyl phthalate	14.29	149	470504	43.48	ng		100
85) Indeno(1,2,3-cd)pyrene	16.21	276	253310	42.60	ng		99
87) Benzo(b)fluoranthene	14.65	252	248645m	33.37	ng		
88) Benzo(k)fluoranthene	14.67	252	304775m	44.49	ng		
89) Benzo(a)pyrene	14.96	252	265468	39.71	ng	#	94
90) Dibenzo(a,h)anthracene	16.22	278	217307	41.27	ng		96
91) Benzo(g,h,i)perylene	16.56	276	202151	39.05	ng		98

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

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