Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089136.D
Acq On : 20 Jul 2016 17:13
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF072016

Quant Time: Jul 20 19:13:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47293	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	196746	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	98738	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	191423	20.00	ng		0.00
75) Chrysene-d12	13.73	240	144422	20.00	ng		0.00
86) Perylene-d12	15.07	264	116838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	246204	79.18	ng		0.00
7) Phenol-d6	6.26	99	309407	77.16	ng		-0.01
23) Nitrobenzene-d5	7.18	82	299838	80.97	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	72283	81.31	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	591628	82.56	ng		0.00
78) Terphenyl-d14	12.69	244	449940	67.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	52304	38.74	ng		98
3) Pyridine	2.66	79	138752	40.45	ng		98
4) n-Nitrosodimethylamine	2.63	42	59455	41.18	ng		96
6) Aniline	6.26	93	208450	38.47	ng	#	88
8) 2-Chlorophenol	6.39	128	136995	39.70	ng		87
9) Benzaldehyde	6.15	77	83525	39.46	ng		99
10) Phenol	6.28	94	177472	38.41	ng		98
11) bis(2-Chloroethyl)ether	6.35	93	135180	38.96	ng		96
12) 1,3-Dichlorobenzene	6.54	146	146507	38.45	ng		97
13) 1,4-Dichlorobenzene	6.62	146	152267	39.68	ng		98
14) 1,2-Dichlorobenzene	6.78	146	141888	39.22	ng		98
15) Benzyl Alcohol	6.76	79	117061	39.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	151877	38.42	ng		84
17) 2-Methylphenol	6.89	107	105359	38.76	ng		96
18) Hexachloroethane	7.11	117	56091	38.89	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	100995	38.51	ng	#	88
20) 3+4-Methylphenols	7.04	107	145404	39.40	ng		87
22) Acetophenone	7.03	105	214602	40.85	ng	#	96
24) Nitrobenzene	7.20	77	147555	37.78	ng		94
25) Isophorone	7.44	82	269654	39.51	ng		99
26) 2-Nitrophenol	7.51	139	69499	38.16	ng		97
27) 2,4-Dimethylphenol	7.56	122	124178	40.46	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	182249	42.70	ng		100
29) 2,4-Dichlorophenol	7.76	162	115243	41.67	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	122212	39.92	ng	#	94
31) Naphthalene	7.91	128	407099	38.34	ng		99
32) Benzoic acid	7.71	122	93950	39.81	ng		98
33) 4-Chloroaniline	7.96	127	172278	38.58	ng	#	89
34) Hexachlorobutadiene	8.03	225	69613	40.85	ng		97
35) Caprolactam	8.35	113	37384	43.53	ng		89
36) 4-Chloro-3-methylphenol	8.47	107	140655	42.21	ng		97
37) 2-Methylnaphthalene	8.60	142	260923	38.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	134883	36.75	ng		98
40) Hexachlorocyclopentadiene	8.75	237	41422	38.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	79164	38.54	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	80457	39.02	ng	#	83
45) 1,1'-Biphenyl	9.06	154	324846	36.53	ng		99
46) 2-Chloronaphthalene	9.08	162	259675	38.43	ng		98
47) 2-Nitroaniline	9.19	65	85198	36.76	ng		97
48) Acenaphthylene	9.50	152	433967	40.85	ng		99
49) Dimethylphthalate	9.37	163	282804	37.32	ng		98
50) 2,6-Dinitrotoluene	9.44	165	65925	38.54	ng	#	86
51) Acenaphthene	9.67	154	250381	39.84	ng		99
52) 3-Nitroaniline	9.60	138	74084	36.47	ng	#	70
53) 2,4-Dinitrophenol	9.71	184	28072	37.28	ng		91
54) Dibenzofuran	9.84	168	339198	39.95	ng		97
55) 4-Nitrophenol	9.79	139	48064	39.10	ng		88
56) 2,4-Dinitrotoluene	9.84	165	92481	41.97	ng	#	82
57) Fluorene	10.18	166	298058	41.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61236	41.35	ng		97
59) Diethylphthalate	10.07	149	296981	39.53	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	116349	35.36	ng	#	67
61) 4-Nitroaniline	10.22	138	78323	39.63	ng		100
62) Azobenzene	10.33	77	303978	37.23	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	42845	38.45	ng		93
65) n-Nitrosodiphenylamine	10.30	169	245520	38.38	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	77677	41.01	ng		90
67) Hexachlorobenzene	10.72	284	73304	35.98	ng	#	53
68) Atrazine	10.83	200	83483	41.73	ng		97
69) Pentachlorophenol	10.92	266	36500	38.83	ng		98
70) Phenanthrene	11.13	178	424474	40.42	ng		100
71) Anthracene	11.19	178	412602	37.80	ng		99
72) Carbazole	11.35	167	394153	41.11	ng		99
73) Di-n-butylphthalate	11.68	149	450706	38.01	ng		100
74) Fluoranthene	12.31	202	427369	38.72	ng		98
76) Benzidine	12.45	184	186258	37.51	ng		99
77) Pyrene	12.54	202	472437	39.61	ng		99
79) Butylbenzylphthalate	13.17	149	203963	40.43	ng		93
80) Benzo(a)anthracene	13.71	228	346149	37.63	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	126040	41.31	ng	#	95
82) Chrysene	13.75	228	312266	35.54	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	254116	37.97	ng		98
84) Di-n-octyl phthalate	14.33	149	401064	36.32	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	243876	38.22	ng		100
87) Benzo(b)fluoranthene	14.71	252	278683m	32.93	ng		
88) Benzo(k)fluoranthene	14.74	252	289421m	47.83	ng		
89) Benzo(a)pyrene	15.02	252	254699	38.77	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	208151	40.13	ng	#	93
91) Benzo(g,h,i)perylene	16.66	276	209674	40.09	ng		98

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

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