Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101019.D
Acq On : 30 Nov 2017 15:51
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF113017

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:34 AM

Quant Time: Nov 30 17:01:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:59:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51574	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	203872	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	98369	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	206930	20.00	ng		0.00
75) Chrysene-d12	14.03	240	187729	20.00	ng		0.00
86) Perylene-d12	15.50	264	178455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	246473	78.97	ng		0.00
7) Phenol-d6	6.49	99	298260	78.71	ng		0.00
23) Nitrobenzene-d5	7.42	82	276985	81.05	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	96904	82.00	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	593820	82.59	ng		0.00
78) Terphenyl-d14	12.97	244	680761	79.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	50290	38.966	ng		97
3) Pyridine	3.37	79	139435	41.676	ng		96
4) n-Nitrosodimethylamine	3.33	42	68296	41.795	ng		93
6) Aniline	6.52	93	196844	39.948	ng		97
8) 2-Chlorophenol	6.64	128	133152	39.127	ng		96
9) Benzaldehyde	6.40	77	88879	38.323	ng		99
10) Phenol	6.50	94	167419	39.735	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	124810	39.492	ng		98
12) 1,3-Dichlorobenzene	6.79	146	160765	40.571	ng		97
13) 1,4-Dichlorobenzene	6.87	146	161515	39.370	ng		99
14) 1,2-Dichlorobenzene	7.03	146	152499	39.852	ng		96
15) Benzyl Alcohol	7.00	79	118496	40.488	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	172572	40.171	ng		99
17) 2-Methylphenol	7.10	107	106700	38.830	ng		98
18) Hexachloroethane	7.36	117	51391	38.991	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	99195	38.870	ng		95
20) 3+4-Methylphenols	7.26	107	141530	39.493	ng	#	85
22) Acetophenone	7.27	105	197861	40.171	ng	#	99
24) Nitrobenzene	7.44	77	135428	40.432	ng		99
25) Isophorone	7.67	82	235520	40.345	ng		99
26) 2-Nitrophenol	7.75	139	74534	40.536	ng		98
27) 2,4-Dimethylphenol	7.79	122	105720	39.746	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	159686	40.700	ng		99
29) 2,4-Dichlorophenol	7.99	162	117716	40.658	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	129400	40.645	ng		96
31) Naphthalene	8.16	128	405408	40.348	ng		99
32) Benzoic acid	7.92	122	80641	38.980	ng		94
33) 4-Chloroaniline	8.21	127	163601	40.523	ng		98
34) Hexachlorobutadiene	8.27	225	81039	41.502	ng		94
35) Caprolactam	8.59	113	35803	39.679	ng		90
36) 4-Chloro-3-methylphenol	8.69	107	122434	40.823	ng		96
37) 2-Methylnaphthalene	8.85	142	274397	40.191	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	147391	41.245	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	45974	39.863	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	87372	41.708	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	94848	42.351	ng		95
45) 1,1'-Biphenyl	9.32	154	370037	41.058	ng		96
46) 2-Chloronaphthalene	9.34	162	266946	41.707	ng		97
47) 2-Nitroaniline	9.44	65	77887	41.130	ng		99
48) Acenaphthylene	9.76	152	432963	41.161	ng		100
49) Dimethylphthalate	9.62	163	326836	41.198	ng		99
50) 2,6-Dinitrotoluene	9.68	165	67824	40.591	ng		94
51) Acenaphthene	9.93	154	254516	40.409	ng		99
52) 3-Nitroaniline	9.85	138	76723	40.831	ng		97
53) 2,4-Dinitrophenol	9.96	184	31760	39.560	ng	#	15
54) Dibenzofuran	10.10	168	372028	40.987	ng		98
55) 4-Nitrophenol	10.01	139	53974	42.592	ng		92
56) 2,4-Dinitrotoluene	10.09	165	93785	41.881	ng	#	93
57) Fluorene	10.44	166	301208	40.822	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	76063	42.418	ng	#	85
59) Diethylphthalate	10.31	149	322881	41.264	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	150839	41.404	ng		91
61) 4-Nitroaniline	10.47	138	77685	39.827	ng		91
62) Azobenzene	10.59	77	272742	41.072	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	55973	40.328	ng		85
65) n-Nitrosodiphenylamine	10.56	169	295517	40.480	ng		94
66) 4-Bromophenyl-phenylether	10.92	248	94576	40.832	ng		91
67) Hexachlorobenzene	10.99	284	98618	39.727	ng	#	86
68) Atrazine	11.08	200	88252	39.410	ng		98
69) Pentachlorophenol	11.19	266	56748	41.575	ng		99
70) Phenanthrene	11.41	178	460059	40.372	ng		97
71) Anthracene	11.46	178	464122	40.242	ng		98
72) Carbazole	11.62	167	421231	39.974	ng		99
73) Di-n-butylphthalate	11.94	149	536337	40.607	ng		97
74) Fluoranthene	12.60	202	508185	40.231	ng		96
76) Benzidine	12.72	184	243295m	39.854	ng		
77) Pyrene	12.83	202	520192	40.157	ng		99
79) Butylbenzylphthalate	13.44	149	230006	40.273	ng		90
80) Benzo(a)anthracene	14.02	228	477289	40.268	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	161019	39.226	ng	#	96
82) Chrysene	14.06	228	441538	40.111	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	326801	40.131	ng		100
84) Di-n-octyl phthalate	14.60	149	553236	40.803	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	403841	41.265	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	463721	43.383	ng		97
88) Benzo(k)fluoranthene	15.10	252	395958	37.599	ng	#	94
89) Benzo(a)pyrene	15.44	252	398303	40.988	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	346779	40.478	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	323957	40.125	ng	#	92

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

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