Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089568.D
Acq On : 3 Aug 2016 19:54
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
8/4/2016 6:11:20 PM

Quant Time: Aug 04 07:33:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:15:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	38789	20.00	ng		0.00
21) Naphthalene-d8	9.50	136	166752	20.00	ng		0.00
38) Acenaphthene-d10	12.32	164	77119	20.00	ng		0.00
63) Phenanthrene-d10	14.71	188	146105	20.00	ng		-0.01
75) Chrysene-d12	18.41	240	92923	20.00	ng		0.00
86) Perylene-d12	20.07	264	69070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	109344	46.70	ng		0.00
7) Phenol-d6	6.99	99	159788	51.20	ng		-0.01
23) Nitrobenzene-d5	8.38	82	154625	51.30	ng		0.00
41) 2,4,6-Tribromophenol	13.61	330	32074	52.36	ng		0.00
44) 2-Fluorobiphenyl	11.27	172	304457	51.27	ng		-0.01
78) Terphenyl-d14	17.07	244	239928	51.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	33001	23.20	ng		99
3) Pyridine	2.36	79	59307	24.62	ng	#	93
4) n-Nitrosodimethylamine	2.32	42	20886	23.88	ng		89
6) Aniline	6.96	93	100672	25.27	ng		98
8) 2-Chlorophenol	7.14	128	71635	25.56	ng		100
9) Benzaldehyde	6.78	77	29618	26.64	ng		97
10) Phenol	7.02	94	82868	25.64	ng		89
11) bis(2-Chloroethyl)ether	7.11	93	72689	25.59	ng		97
12) 1,3-Dichlorobenzene	7.36	146	76766m	24.98	ng		
13) 1,4-Dichlorobenzene	7.50	146	73689	24.01	ng		97
14) 1,2-Dichlorobenzene	7.72	146	77817	24.43	ng		99
15) Benzyl Alcohol	7.75	79	48551	23.82	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.95	45	86402	24.66	ng		96
17) 2-Methylphenol	7.96	107	51039	24.89	ng		97
18) Hexachloroethane	8.24	117	31602	24.52	ng	#	86
19) n-Nitroso-di-n-propylamine	8.17	70	55916	47.87	ng		98
20) 3+4-Methylphenols	8.23	107	63043	23.49	ng		97
22) Acetophenone	8.15	105	89687	22.66	ng		97
24) Nitrobenzene	8.40	77	76550	24.42	ng		94
25) Isophorone	8.80	82	145858	25.48	ng		99
26) 2-Nitrophenol	8.91	139	30936	23.67	ng		98
27) 2,4-Dimethylphenol	9.05	122	60946	26.03	ng		95
28) bis(2-Chloroethoxy)methane	9.19	93	89854	26.21	ng		99
29) 2,4-Dichlorophenol	9.32	162	54211	24.61	ng		97
30) 1,2,4-Trichlorobenzene	9.42	180	63700	25.30	ng		98
31) Naphthalene	9.53	128	224321	25.30	ng		99
32) Benzoic acid	9.34	122	34856	22.41	ng		97
33) 4-Chloroaniline	9.67	127	87757	25.63	ng		99
34) Hexachlorobutadiene	9.75	225	36506	25.00	ng		97
35) Caprolactam	10.27	113	15908	24.55	ng		95
36) 4-Chloro-3-methylphenol	10.51	107	67989	26.34	ng		93
37) 2-Methylnaphthalene	10.65	142	136158	25.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	75113	25.84	ng		98
40) Hexachlorocyclopentadiene	10.91	237	18228	23.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	37325	26.27	ng		99
43) 2,4,5-Trichlorophenol	11.22	196	38904	25.61	ng		99
45) 1,1'-Biphenyl	11.42	154	180337	25.89	ng		99
46) 2-Chloronaphthalene	11.43	162	137267	26.31	ng		94
47) 2-Nitroaniline	11.64	65	40262	24.32	ng		95
48) Acenaphthylene	12.09	152	224450	26.09	ng		99
49) Dimethylphthalate	11.98	163	150179	25.42	ng	#	99
50) 2,6-Dinitrotoluene	12.06	165	30859	26.10	ng		86
51) Acenaphthene	12.37	154	128845	25.84	ng		99
52) 3-Nitroaniline	12.33	138	35664	25.59	ng	#	88
53) 2,4-Dinitrophenol	12.56	184	6256	22.02	ng	#	86
54) Dibenzofuran	12.66	168	175330	25.83	ng		98
55) 4-Nitrophenol	12.73	139	18234	23.88	ng		94
56) 2,4-Dinitrotoluene	12.72	165	40880	25.73	ng		99
57) Fluorene	13.21	166	153357	26.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.89	232	30311	28.26	ng	#	91
59) Diethylphthalate	13.12	149	155721	26.01	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	68262	26.31	ng		97
61) 4-Nitroaniline	13.33	138	31457	25.76	ng		97
62) Azobenzene	13.50	77	159863	26.04	ng		97
64) 4,6-Dinitro-2-methylphenol	13.37	198	19854	25.28	ng	#	74
65) n-Nitrosodiphenylamine	13.45	169	126687	25.45	ng		98
66) 4-Bromophenyl-phenylether	14.02	248	36561	25.61	ng		92
67) Hexachlorobenzene	14.09	284	38762	25.11	ng	#	89
68) Atrazine	14.37	200	34562	26.83	ng		96
69) Pentachlorophenol	14.45	266	12077	22.91	ng		91
70) Phenanthrene	14.75	178	197605	25.32	ng		99
71) Anthracene	14.83	178	218010	25.55	ng		99
72) Carbazole	15.12	167	182398	26.43	ng		99
73) Di-n-butylphthalate	15.71	149	233190	26.41	ng		99
74) Fluoranthene	16.51	202	208379	26.38	ng		98
76) Benzidine	16.75	184	69676	27.50	ng		98
77) Pyrene	16.81	202	213099	25.80	ng		99
79) Butylbenzylphthalate	17.74	149	81034	26.14	ng		98
80) Benzo(a)anthracene	18.39	228	138621	25.60	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	45631	26.89	ng		98
82) Chrysene	18.43	228	141554	25.35	ng		98
83) Bis(2-ethylhexyl)phthalate	18.49	149	107734	25.79	ng		100
84) Di-n-octyl phthalate	19.26	149	151215	23.87	ng		100
85) Indeno(1,2,3-cd)pyrene	21.26	276	111170	26.23	ng		99
87) Benzo(b)fluoranthene	19.66	252	113509	26.90	ng		99
88) Benzo(k)fluoranthene	19.69	252	105500m	25.38	ng		
89) Benzo(a)pyrene	20.01	252	101495	25.94	ng		99
90) Dibenzo(a,h)anthracene	21.27	278	95196	25.70	ng		99
91) Benzo(g,h,i)perylene	21.59	276	100726	25.96	ng		99

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

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