Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108008.D
Acq On : 8 Aug 2018 9:59
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:00 PM

Quant Time: Aug 08 11:42:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 11:29:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	274437	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1085859	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	583638	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1195455	20.00	ng		0.00
75) Chrysene-d12	14.22	240	992872	20.00	ng		0.00
86) Perylene-d12	15.78	264	848919	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	778671	46.28	ng		0.00
7) Phenol-d6	6.62	99	1036594	45.67	ng		0.00
23) Nitrobenzene-d5	7.58	82	1004361	48.39	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	308173	46.81	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1913393	45.95	ng		0.00
78) Terphenyl-d14	13.15	244	2010138	44.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	195901	23.866	ng		89
3) Pyridine	3.68	79	506396	22.678	ng	#	83
4) n-Nitrosodimethylamine	3.64	42	281998	25.071	ng		80
6) Aniline	6.68	93	689392	23.246	ng		96
8) 2-Chlorophenol	6.80	128	440075	23.103	ng		95
9) Benzaldehyde	6.57	77	403804	28.192	ng		96
10) Phenol	6.64	94	531964	22.804	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	428023	22.335	ng		90
12) 1,3-Dichlorobenzene	6.95	146	507768	22.909	ng		98
13) 1,4-Dichlorobenzene	7.03	146	508934	22.847	ng		98
14) 1,2-Dichlorobenzene	7.18	146	479773	23.039	ng		99
15) Benzyl Alcohol	7.15	79	433790	22.986	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	895285	23.148	ng		94
17) 2-Methylphenol	7.25	107	371014	22.923	ng		95
18) Hexachloroethane	7.53	117	176392	22.617	ng		89
19) n-Nitroso-di-n-propylamine	7.42	70	347575	22.051	ng	#	86
20) 3+4-Methylphenols	7.40	107	488212	23.020	ng		94
22) Acetophenone	7.42	105	659267	24.118	ng	#	92
24) Nitrobenzene	7.60	77	506790	23.165	ng		97
25) Isophorone	7.83	82	942393	25.874	ng		97
26) 2-Nitrophenol	7.91	139	181717	21.179	ng	#	84
27) 2,4-Dimethylphenol	7.93	122	421114	25.864	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	561754	24.282	ng		99
29) 2,4-Dichlorophenol	8.14	162	392501	23.258	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	429351	22.872	ng		97
31) Naphthalene	8.32	128	1302537	25.066	ng		99
32) Benzoic acid	8.02	122	196487	18.470	ng		88
33) 4-Chloroaniline	8.36	127	565214	23.940	ng		95
34) Hexachlorobutadiene	8.43	225	273270	22.682	ng		98
35) Caprolactam	8.72	113	126226	22.793	ng	#	78
36) 4-Chloro-3-methylphenol	8.83	107	425386	23.352	ng		97
37) 2-Methylnaphthalene	9.01	142	916964	25.967	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	454162	22.885	ng		98
40) Hexachlorocyclopentadiene	9.17	237	293703	25.825	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	285301	21.609	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	315477	23.279	ng		96
45) 1,1'-Biphenyl	9.48	154	1120305	22.979	ng		99
46) 2-Chloronaphthalene	9.51	162	872200	22.671	ng		98
47) 2-Nitroaniline	9.60	65	285657	22.761	ng		85
48) Acenaphthylene	9.92	152	1416854	24.974	ng		98
49) Dimethylphthalate	9.77	163	1044640	23.499	ng		98
50) 2,6-Dinitrotoluene	9.84	165	222920	23.364	ng	#	86
51) Acenaphthene	10.10	154	853187	23.608	ng		99
52) 3-Nitroaniline	10.01	138	245059	22.858	ng		89
53) 2,4-Dinitrophenol	10.11	184	58292	19.992	ng	#	67
54) Dibenzofuran	10.27	168	1254012	23.683	ng		98
55) 4-Nitrophenol	10.15	139	175104	22.231	ng	#	82
56) 2,4-Dinitrotoluene	10.24	165	292662	24.327	ng		99
57) Fluorene	10.61	166	963062	24.235	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	272387	24.024	ng	#	87
59) Diethylphthalate	10.48	149	1028109	23.357	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	512546	22.681	ng		94
61) 4-Nitroaniline	10.62	138	238662	23.210	ng		90
62) Azobenzene	10.77	77	1068118	23.647	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	92541	18.151	ng		92
65) n-Nitrosodiphenylamine	10.72	169	902497	22.682	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	335532	23.006	ng	#	88
67) Hexachlorobenzene	11.16	284	346997	22.355	ng		92
68) Atrazine	11.24	200	304711	23.895	ng		97
69) Pentachlorophenol	11.35	266	157966	16.804	ng		97
70) Phenanthrene	11.58	178	1453933	24.478	ng		98
71) Anthracene	11.64	178	1519274	24.732	ng		98
72) Carbazole	11.79	167	1331747	22.676	ng		98
73) Di-n-butylphthalate	12.11	149	1554587	22.906	ng	#	98
74) Fluoranthene	12.78	202	1628263	24.363	ng		96
76) Benzidine	12.90	184	989676	26.609	ng		97
77) Pyrene	13.01	202	1615121	23.654	ng		98
79) Butylbenzylphthalate	13.62	149	648732	22.640	ng	#	96
80) Benzo(a)anthracene	14.20	228	1469485	24.592	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	553669	23.955	ng		97
82) Chrysene	14.24	228	1337654	23.998	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	897400	23.209	ng		100
84) Di-n-octyl phthalate	14.80	149	1397809	23.798	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1133235	24.069	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1292800m	25.542	ng		
88) Benzo(k)fluoranthene	15.34	252	1236537	25.121	ng	#	97
89) Benzo(a)pyrene	15.71	252	1164787	25.246	ng		97
90) Dibenzo(a,h)anthracene	17.41	278	946601	24.488	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	910647	24.327	ng	#	91

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

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